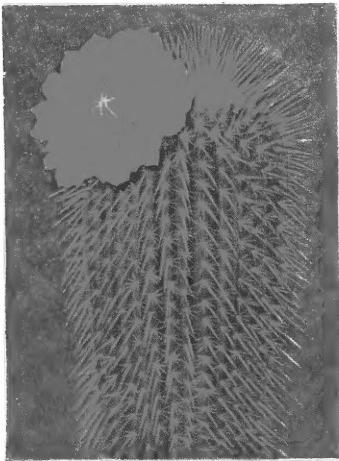
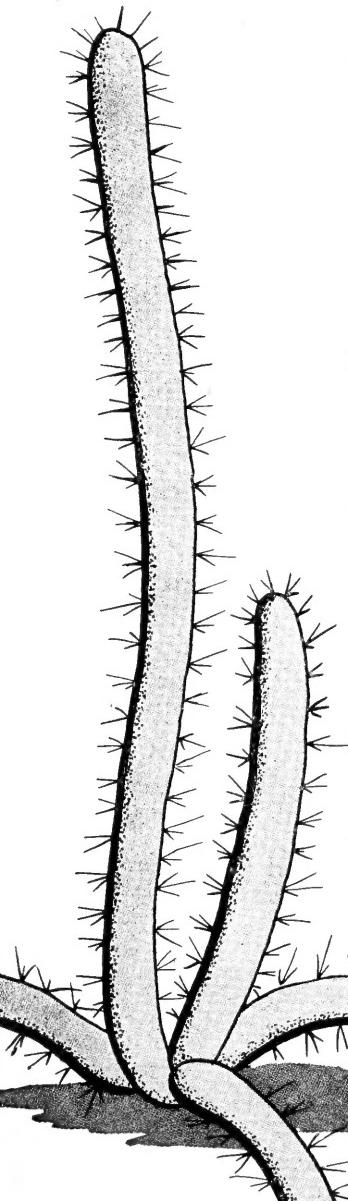


62.09

JOHNSON CACTUS GARDENS

PARAMOUNT • [Los Angeles County] • CALIFORNIA

*Latest News
from
Cactus Land*
1954



GOLDEN BALL

A very lovely small cactus with glittering, golden, harmless spines. *Notocactus leninghausii* is a fine plant for the window garden, of the easiest culture. Large 10 year old specimens \$5 to \$2.50. Fine plants \$1. **35c**



PINK EASTERLILY CACTUS
See page 15

DYCKIA RARIFLORA
Each.....35c

SCARLET ALOE
Each.....35c

DOLLAR LEAF
Each.....50c

Succulent Gardens are Exciting and Romantic

- **Succulents** of all kinds.
- **Orchid Cacti.** Epiphyllums.
- **Mimicry Plants.** Lithops, etc.
- **Cacti.** Over a million plants.
- **Supplies** of all kinds.



Aerial view of our 10 acres of nurseries. Our specialties are Succulents and Cacti, also Water Lilies and Aquatics for the Garden Pool.

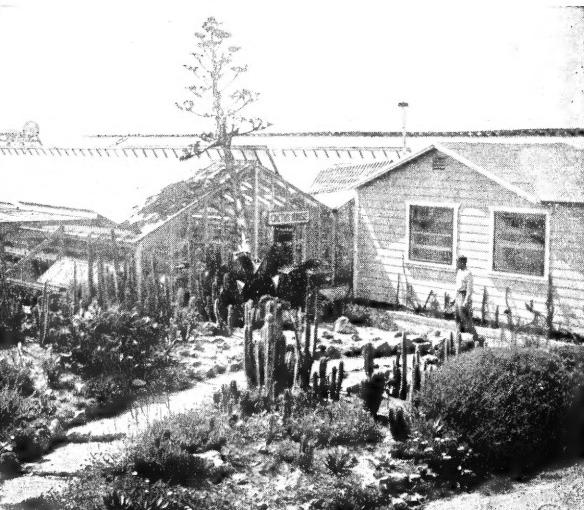
1876 - 1954

Our long experience in growing and shipping plants assures you of the best stock possible. We grow our own plants under the most ideal conditions. Only by direct shipment from the grower can you be assured of fresh, healthy and bright looking plants. Our plants are freshly dug for each shipment. Why waste time and money on less fresh plants when you can be assured of clean, vigorous rooted stock from the world's largest growers. We invite comparison of our plants and products.



View in Cactus House

◆ ◆ ◆
Outdoor Cactus Garden



To Our Patrons:

Our 1954 catalog of Cacti and Succulents offers many new things to fanciers of these exotic plants. Some are the results of hybridizing or selection, others are new species or genera collected on my various expeditions to South America.

We appreciate the confidence and continued patronage of our many friends. We thank you for the many kind letters received and will do our best to deserve them. This year, due to new cultural methods, we think our plants are better than ever. If ordered early many will be in bud when received.

Harry Johnson

TERMS

I GUARANTEE SAFE DELIVERY IN THE UNITED STATES AND CANADA

50c packing and postage charge on orders of less than **\$2.50**.

10% postage charge on orders of **\$2.50** to **\$5** due to postage increases.

Free delivery on orders of **\$5 or more**.

How to remit: By check, postal note, money order or large denomination postage stamps.

No. C. O. D. orders accepted.

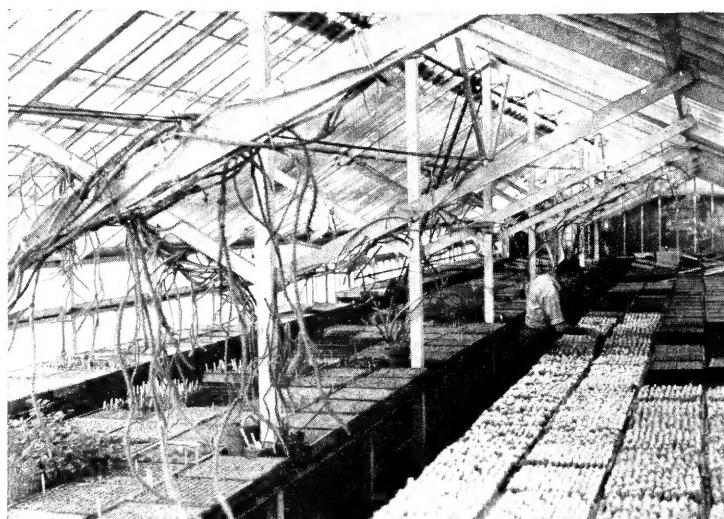
HOW WE SHIP

Shipments by Parcel Post which delivers direct to your door. All plants are passed by California State Horticultural Inspectors to insure freedom from insect pests. They are packed by experts in specially made cartons, heavily insulated from cold and clearly marked: "Rush—Perishable—Tender Plants."

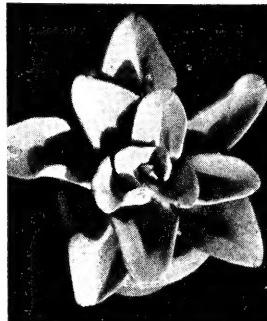
OUR GUARANTEE

We guarantee safe delivery of clean, healthy stock. We cannot undertake to make good plants lost through improper care. If plants are injured in transit we will give credit for all damaged items.

View in Cactus Seeding House

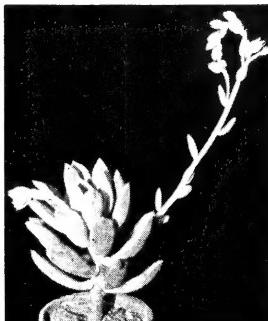


Succulents



ECHEVERIA LA CANYADA

This pleasing new Echeveria is a hybrid of the old *E. nodulosa*. The new leaves are speckled with maroon blotches. Uncommon. 35c



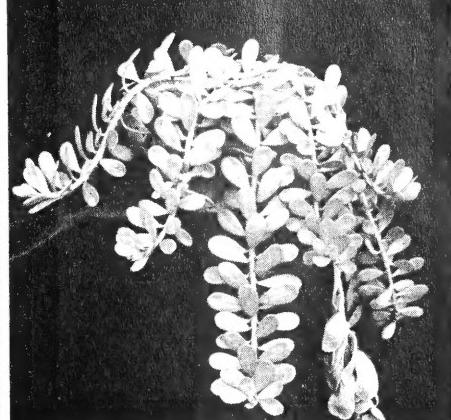
PACHYVERIA LESLEI

A vigorous growing variety leaves thick, pale silvery green each tipped with red. Tall flower spikes. In winter becomes rosy. Large 50c and.....

CRASSULA CORYMBULOSA

Forms cushions of leaves that become bright red in winter. Flowers in late fall very freely. Easily grown. Each.....

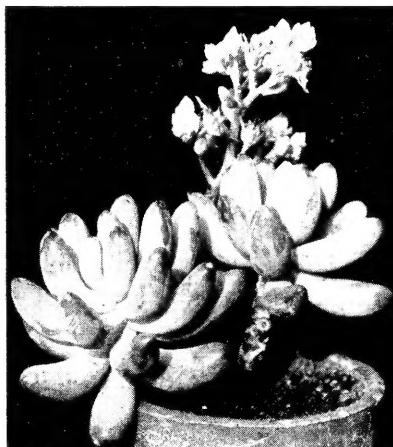
35c



NOTONIA PETRAEA

A stirring novelty from tropical Africa. A fine basket plant easily grown. Lovely on window shelves for the tracey of its leaves. A rapid grower with spicate leaves of bright, fresh green. Branches freely from the base the trailing stems one to two feet long, with good culture three feet. Flowers bright orange in fall. Grows in any soil in sun or shade, dry or moist. Each.....

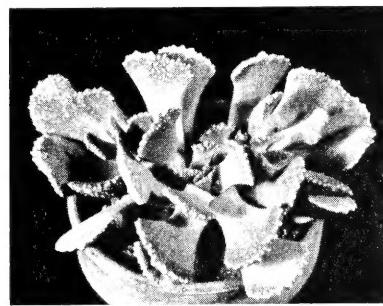
75c



PACHYSEDUM ROSE TIPS

One of the best of the newer hybrids. A highly colored variety, in cool weather often being almost red. The fat leaves are powdered white over dove grey becoming suffused with red. Flowers bright lemon yellow. Give it a light sunny position and not too rich a soil to achieve the brightest coloring. Each.....

35c



NANANTHUS MALHERBII

Closely related to the Jewel Plant but much larger, this new plant may reach 3 inches across. The leaves are studded with white bosses. Tight clusters, the leaves light brown often tinged purple. Very attractive, easily grown. Keep on dry side.

Each 50c and.....

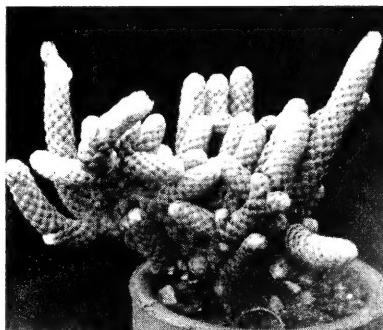
35c



PEARL OX TONGUE

Gasteria verrucosa is a scarce species and one of the prettiest. It is a long lived plant each leaf closely set with pearly white papillae. A collectors item. Easily grown in a light window. Each.....

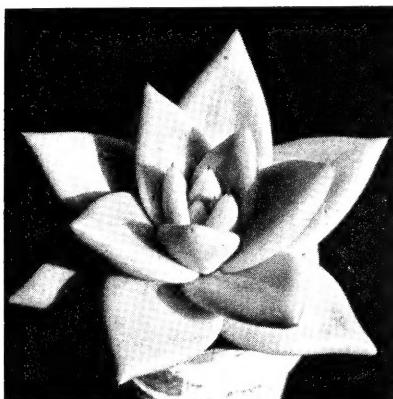
50c



ANACAMPSEROS BUDIERIANA

These very dainty, tiny succulents have seldom ever been offered. They are very slow growing plants for the connoisseur who appreciates the rare and unique. A 2" plant may be 5 or 10 years old. The branches are pure white from the overlapping stipules. Potted.....

\$1.35

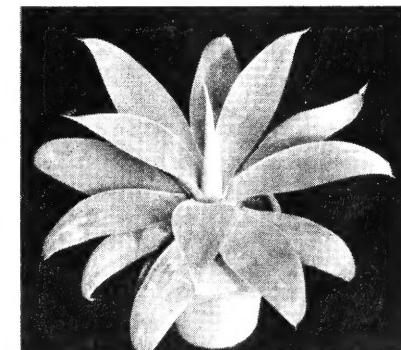


At Left:

ECHEVERIA (Urbinia) AGAVOIDES

This species makes a fine, clear-cut specimen. The thick leaves are pale green, stiff as though carved from jade. The flower spikes in late spring have orange bells. Grows to 4" across. Each.....

35c



AGAVE ATTENUATA

A fine Century Plant with soft, silvery green leaves and no thorns. Makes a splendid specimen with a smooth, grey trunk to 4'. May be kept dwarf. A fine porch or lobby plant.

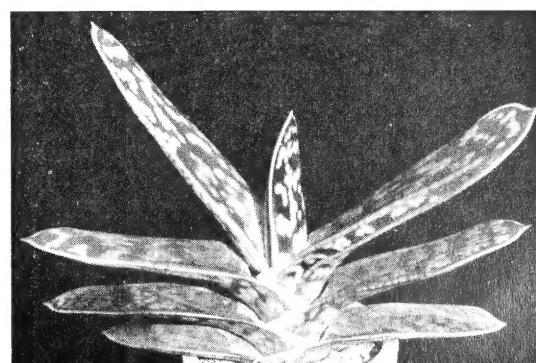
\$1

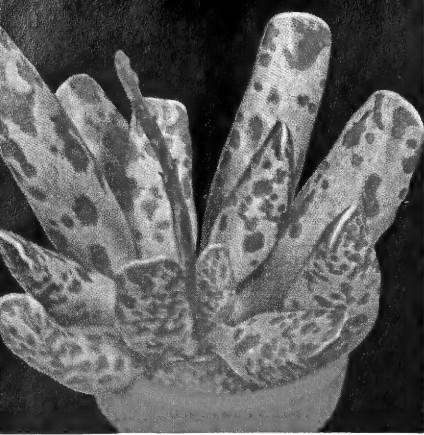
At Right:

CALICO OX TONGUE

The Gasterias are unique succulents with 2 ranked leaves. *G. maculata* has a tendency to spiral. A charming, easily grown plant for sun or shade. Reaches 5" across. Moderate watering. Each.....

75c





PLOVER EGGS

A fascinating small plant from Africa. *Adromischus cristatus*. The fat round leaves are brightly splotched with dark red very pretty against the silvery green. It likes an open, porous soil and a light place in the window. Sun intensifies the color. Nice plants.

35c

ALOES

These well known African plants are favorites of the window gardener for there are many small species with attractive rosettes of leaves. In warm regions they are fine for landscaping effects. Grow easily in porous soil with moderate watering. Sunny positions are best.

Aloe africana. Quick growing **35c**

Aloe aristata. A dwarf species having hundreds of leaves dotted white. Charming pot plant. **35c** and **50c**

A. bainesii. A rare giant tree species. **60c**, **\$1.50**

A. brevifolia. A common much planted species **35c**

A. dinteri. An uncommon kind with deep green leaves flecked white. Nice **50c**

A. distans. Long creeper **75c**

A. longistyla. Handsome flowers. Dwarf **35c**

A. variegata. Partridge Breast or Tiger Aloe. **35c**

ANACAMPSEROS

Small plants excellent for the window garden. Thick leaves in small rosettes. Flowers pink. Easily grown sun or shade.

Thread Sand Rose. Flowers in summer, bright pink. Thick leaves **35c**

Love Plant. Quite large pink blossoms with a small rosette **35c**

Anacampseros albissima. Small white stemmed collector's item **75c**

A. telephium. Thick bronzy leaves. Nice. **35c**

HAIRY STARFISH FLOWER

Lovely bright desert stars. *Spatelia hirsuta* is a fascinating succulent for the window garden blooming freely the first year. Give it a sunny but not too hot position. In summer water well. **35c**



PAINTED LADY

A very popular winter and spring blooming succulent. *Echeveria derenbergii* grows easily for everyone. White leaves marginated with red. Easy to flower **35c** in a 2 or 3 inch pot. Each.



MEXICAN GEM

Echeveria elegans has small rosettes of white, spoon-shaped leaves. Flowers in spring. Plants form clusters and do well in full sun. Stands quite a bit of frost and is often used for edging beds or in dry rock gardens. Fine for sunny windows. Each **35c**

ARGYRODERMA

Argyroderma octophyllum. Silver Skin. Two thick, silvery white leaves form the plant. Flowers large, yellow. Each **35c**

A. augustipetalum. Cluster forming **50c**

A. blandum **50c**

A. braunsi **50c**

A. citrinum **50c**

DIAMOND JUBILEE CACTUS HANDBOOK

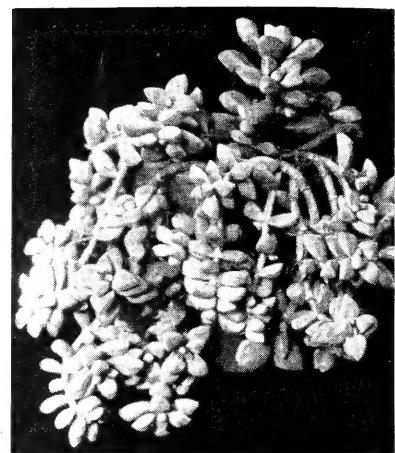
Contains hundreds of descriptions of rare plants. Every collector should have it.

48 pages of color and photos. Price **50c**



MEXICAN FIRECRACKER

Echeveria setosa is lovely with white haired leaves and handsome flowers. Prefers some shade. Not shipped during July and August. Give it a cool location and a soil like that for African Violets. Each **35c**



SILVER TASSELS

Charming little plants for trailing over sides of pots. *Crassula deltoidea* hyb. Silvery fat leaves. pinkish blossoms. Easily grown sun or shade..... **30c**



AFRICAN LIVING ROCK

Simulates the grey granite rocks among which it grows. The thick, grey, minutely dotted leaves bear in early autumn, large yellow, slender petalled flowers. Sunny location, very sandy soil and keep on dry side. Each **50c** and..... **30c**



SCARLET PAINT BRUSH

Rochea falcatifolia is a most beautiful flowering plant bearing very large trusses of scarlet blossoms from August to November. The 2 ranked leaves are white. Give generous treatment using any rich, porous soil and a partly sunny location. Nice. **25c** and..... **35c**

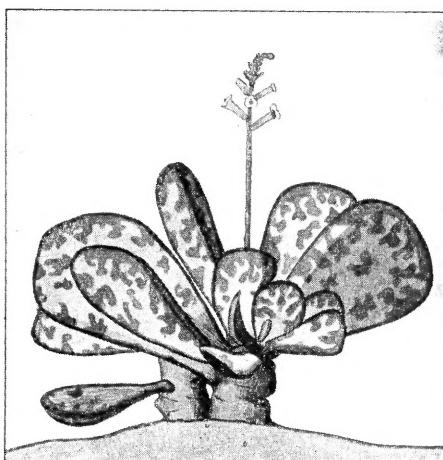




CHRIST THORN

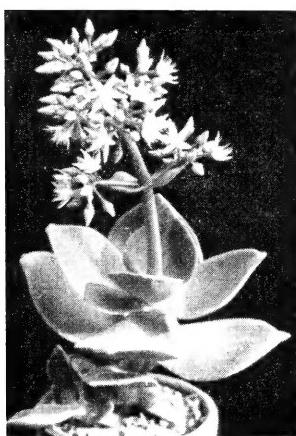
Every window garden should have this fine free flowering plant. The lovely scarlet flowers of *Euphorbia splendens* are familiar to all. Grows easily in any well lighted window. Likes a rich porous loam and a generous supply of water. In shipping the leaves drop but soon reappear. Potted plants. 15" 75c. 8"-10" 50c. Nice 5" 35c

Euphorbia hislopii. A fine new type with many slender branches. Potted. 50c and..... 75c



CALICO HEARTS

The lovely and quite rare *Adromischus maculatus* will be the gem of your succulent collection. The leaves are handsomely mottled rich maroon on a silvery green ground. A long-lived specimen enjoying porous loam soil and moderately generous waterings with shade during hottest part of day. Easy to grow our vigorous plants. Each potted 50c. Unpotted..... 35c

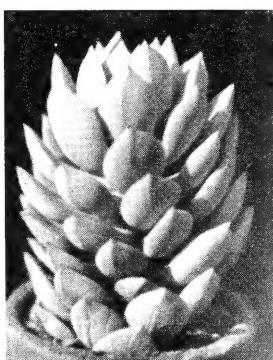


CRASSULA LACTEA

A vigorous plant doing well in the shade and branching freely. The leathery leaves are deep green, speckled near the margins. Each stem bears a spike of long lasting, white flowers in late winter. Grows well under almost all conditions. Very nice. Each. 30c

SILVER BEADS

A white leaved, much branched, low plant bearing pink blossoms. Nice branched specimens crassula deltoides 35c

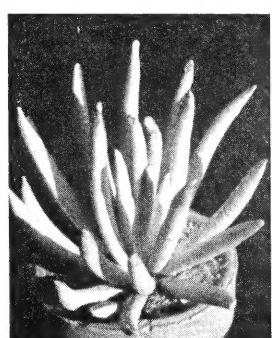


PACHYVERIA WHITE NUN

This handsome hybrid is a welcome addition to our window gardens. It makes a nice, tall specimen or, if the tip is nipped, a cluster. The leaves are pale white. Will grow in shade or sun 30c

HOST PLANT

Graptopetalum paraguayense has white, pink tinged leaves each of which will form a plantlet. Each....30c

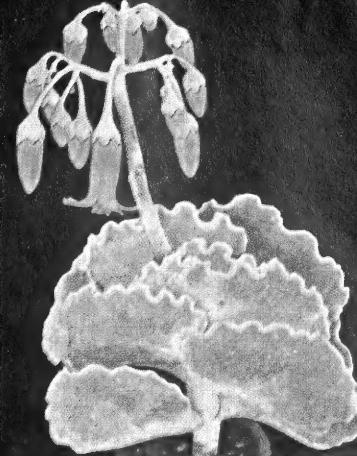


SENECIO SCAPOSUS

Bears many long, round leaves quite white in color in a close rosette. Young plants appear from underground. A rare plant but easily grown. Flowers like daisies on long stems. Potted plants 75c

WINDOW PLANT

Haworthia cuspidata has prettily patterned, fresh green leaves with lucent panes. Very sandy soil. Each 30c



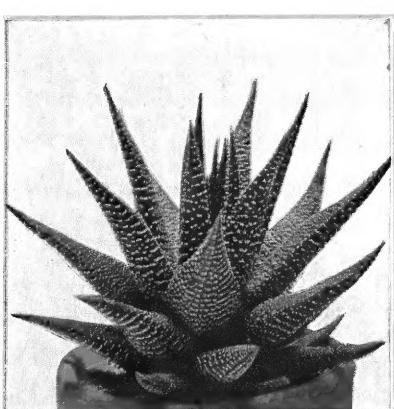
SILVER CROWN

One of the prettiest of succulents for a sunny window. The margins of the white powdered leaves are strikingly waved. Few plants can equal a well grown *Cotyledon undulata*. They will grow in almost any kind of soil but to get the handsomest white waved leaves keep on the dry side. Best not shipped in July and August. Potted 50c. Unpotted..... 35c



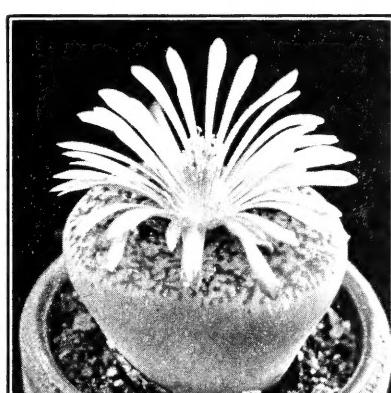
SPLIT ROCK

Strange African "mimicry" plants closely resembling the stones among which they grow. *Pleiospilos nelii* may grow to 2" in diameter with bright blossoms in spring. Sunny window, fresh air, sandy soil. Easily grown. Large specimens 50c. Nice 1" potted 45c. Unpotted..... 35c



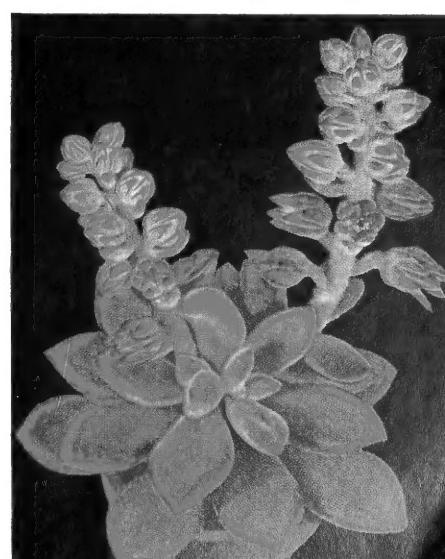
WART PLANT

Haworthia fasciata is a favorite and quite deservedly popular. The warts on the leaves are much whiter than green. It is easily grown in quite sandy soil with peat or leafmold which the thick yellow roots can easily penetrate. Shady but well lighted position watering whenever dry. Nice potted plants 50c. Unpotted..... 35c



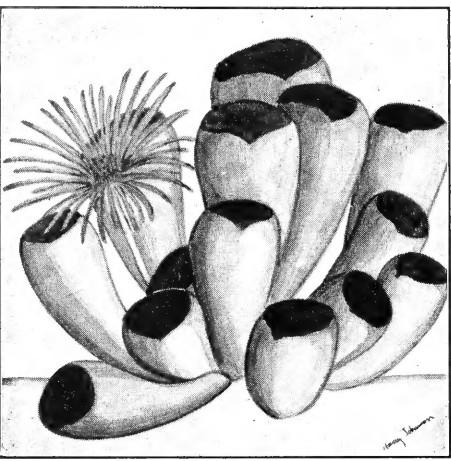
STONE FACE

The Stone Faces or Lithops are amongst the prettiest and certainly most curious of the African succulents. The flat, broad tops of the leaves are of many colors, red, dove grey, green, brown, rust red. The colors are in more or less definite patterns peculiar to each species of which there are more than 50. The flowers are lovely in October. Many varieties may be grown in a single pot. See our Diamond Jubilee Cactus Handbook for long list. The species pictured is *Lithops pseudotruncatella*. Each 25c and..... 35c



CHENILLE PLANT

At the seasons *Echeveria pulvinata* is a dainty beauty the leaves and stems covered with soft plush of fine hairs and tipped and marginated with rich red. Flowers in mid-winter the bells large and rich crimson. One of the prettiest plants we have. Semi-shade moderate to generous waterings. Each 30c

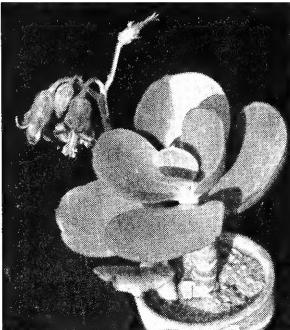


ORANGE BABY TOES

The curious *Fenestraria aurantiaca* comes from the west coast of Africa. In the wilds only the tips of the leaves peep above the surface, the clear window in the tips allowing the light to penetrate. Simple growing instructions with each plant.

Potted specimens each

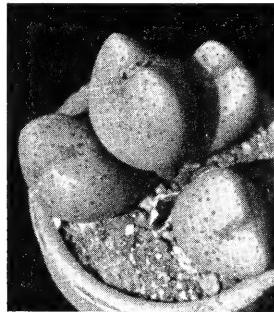
50c



DOLLAR LEAF

A bold plant with large green leaves bears waxy red bells in late autumn. Sun or part shade. Nice plants

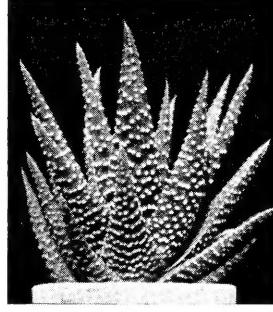
50c



CONOPHYTUM ERNIANUM

Clusters of succulent paired leaves, pale green speckled darker. In the fall a bud emerges from the notch in each pair expanding to a frilly pink flower. An African mimicry plant

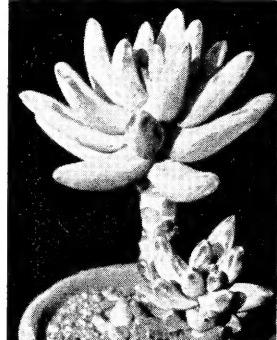
35c



HAWORTHIA PAPILLOSA

A large growing Haworthia handsome in appearance. Leaves are thickly dotted with large, early papillae. Leaves upright rather than spreading. These African plants are excellent house plants. Part shade. Each

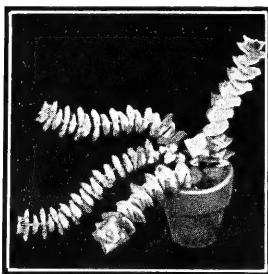
50c



TOWER OF JEWELS

White leaves tinged with purple. These very easily grown specimens are long lived and give variety to your collection. Do well in sun or partial shade. Nice specimens with trunk 50c. Smaller

35c



NECKLACE VINE

Crassula perforosa is an old favorite with connate leaves that look like buttons strung on a string. Sun or shade. 2 for

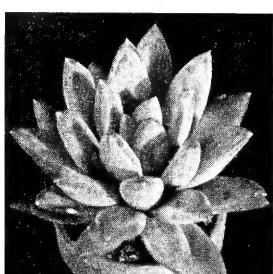
35c



VELVET LEAF

Triangular leaves covered with silvery plush. *Kalanchoe beharensis* is a striking plant from Madagascar. A noble specimen when well grown. Sun or part shade

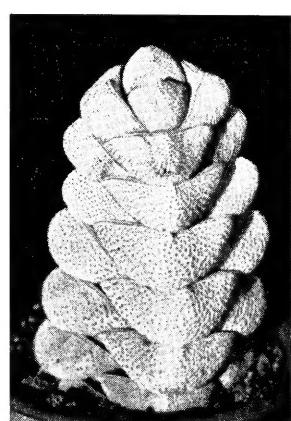
75c



PACHYVERIA GLAUCA

This plant has never been used as much as it should be. A strong growing, very colorful succulent that grows well under varied conditions. Sun or shade. Moderate waterings. Each

25c



CRASSULA DECEPTRIX

A very rare and handsome succulent. The plants are as white as though carved from alabaster. A real collector's item seldom ever offered for sale. Our plants are very large healthy specimens. They are natives of South Africa and grow slowly. Like a sandy soil with some leafmold or peat and a light position. Do not overwater or they will grow too fast and lose their character.

Fine specimens \$1. Smaller

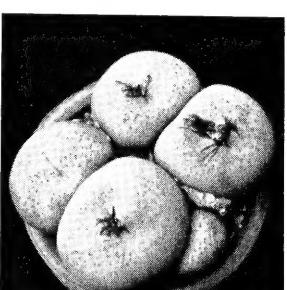
50c



ARAB'S TURBAN

An odd and easy to grow succulent *Crassula hemisphaerica* always attracts attention. The green, wavy, marginated leaves are overlapping. Likes a rich but porous soil and a light but not too sunny location. Each

35c



CRASSULA CORNUA

Another pure white kind figured last year. These are slow growing plants requiring to be kept on the dry side. Not at all hard to grow. Nice specimens \$1. Smaller

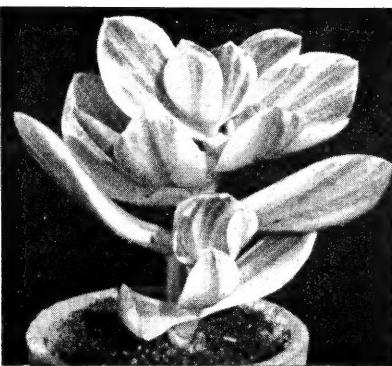
75c

ECHEVERIA

These colorful Mexican succulents are splendid house plants excellent for the patio in warm climates. Do best with some shade. They like a rich open soil with moderate watering.

<i>Echeveria coccinea</i> . Tall growing. Nice spikes crimson flowers. Fine. Each	35c
<i>E. Doris Taylor</i> . Fine white hairy rosettes. Handsome yellow and red flowers	40c
<i>E. gilva</i> . Green rosettes tinged red in winter. Handsome	35c
<i>E. kewensis</i> . Red tinged in winter	25c
<i>E. microcalyx</i> . A tiny free branching species	25c
<i>E. multicaulis</i> . Coppery red leaves	30c
<i>E. pulvican</i> . Hybrid variety	25c
<i>E. pulvicox</i> . Richly colored green and red plush leaves	35c
<i>E. recurvata</i> . Tall with tree-like habit. A fine plant	35c
<i>E. Weingartii</i> . Dark green rosettes	35c
<i>E. set-oliver</i> . Lovely orange and yellow flowers	25c

Any 4 varieties for \$1

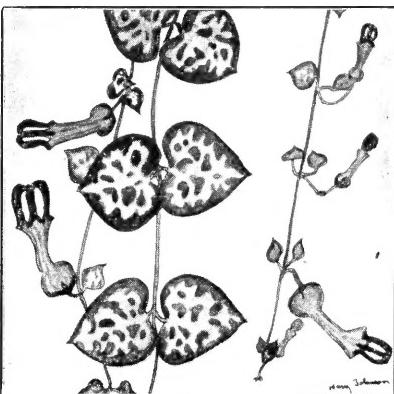


TRICOLOR JADE PLANT

A pretty rainbow-hued succulent. This is a real beauty growing anywhere and brightening up any group it is placed with. *Crassula argentea tricolor* has leaves striped with yellow, cream and green often flushed with pink. It grows well in good garden loam with moderate watering.

Light position. Each.....

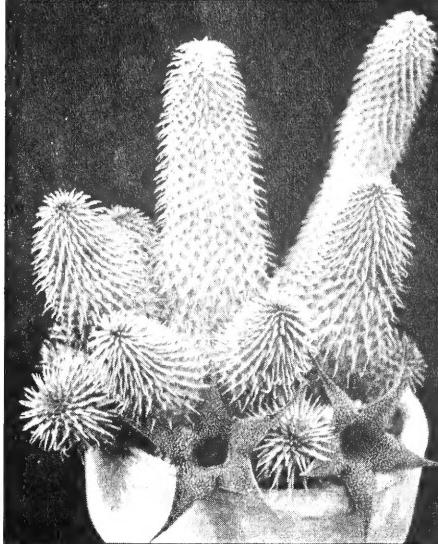
35c



HEART VINE

The leaves of *Ceropeltis woodii* are prettily marbled with silver. The stems hang down in long trailing curtains. Thrives in sun or shade liking moisture. Potted tubers.....

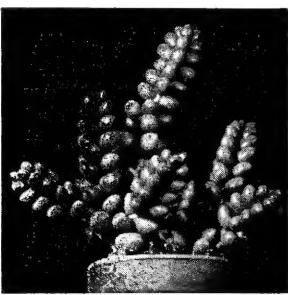
35c



COCKLEBURS

A choice Dragon Flower, *Huernia pillansii* is unique with its rust-red flowers and odd, green hairy stems. Each.....

50c

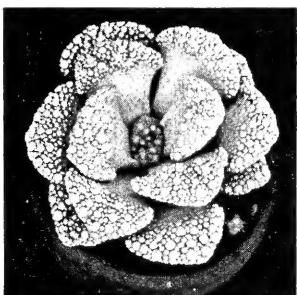


CORAL BEADS

Every bead is brightest red, every bead that falls will grow! *Sedum stahlii* colors brightest in full sun and poor soil. Rich soil and water make it grow too fast.

Each 2 for.....

35c



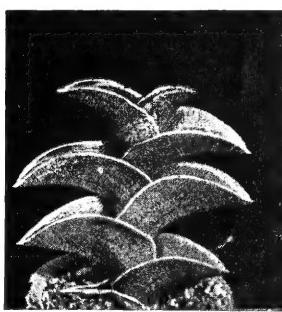
JEWEL PLANT

A lovely mimicry plant often becoming highly colored in winter. *Titanopsis calcararea* likes a sunny window. Nice flowering size.....

35c

Titanopsis setifera. Another odd species. Orange flowers.....

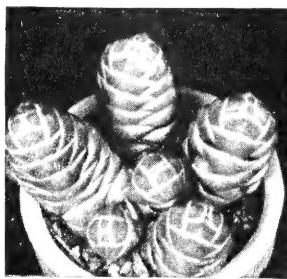
35c



CHAIN PLANT

Tradescantia navicularis bears bright pink blossoms. With summer growth it becomes a creeper. Grows in sun or shade. An odd Peruvian plant named for its boat shaped leaves. Each.....

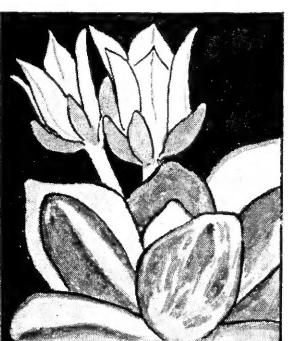
35c



RATTLESNAKE CRASSULA

Crassula ovata is a quaint small plant forming small clusters and bearing terminal corymbs of white fragrant flowers. Partial shade. Each.....

35c

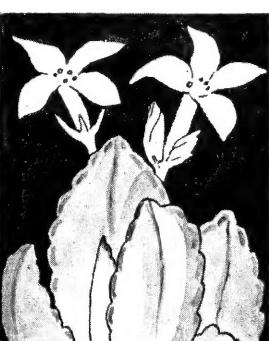


SILVER CHENILLE

Makes a charming rosette, each leaf soft with silvery plush. The spike of bright crimson flowers appears in winter and last a long time. Partial sun, moderate watering.

Echeveria plumosa.....

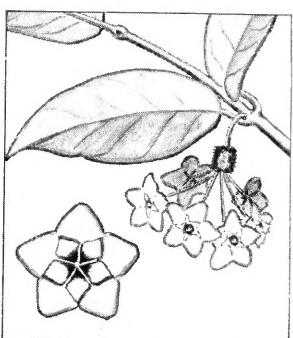
35c



CRIMSON KALANCHOE

A sturdy easily growing plant with umbels of bright scarlet flowers in summer. It blooms over a long period and more than once each summer. Good soil and moderate watering. Each.....

30c



WAX VINE

Hoya carnosa bears lovely, wax-like, soft pink blossoms and shining, dark green leaves. Likes leafmold, moisture and partial shade. Nice specimens.....

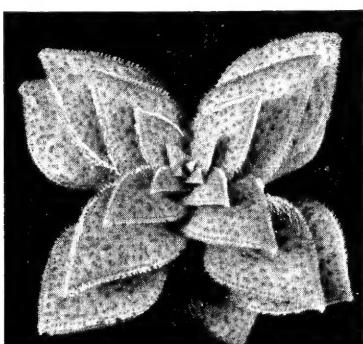
60c



PUSSY EARS

A pretty African plant with hairy green leaves and brilliant small, orange and purple blossoms. Potted *Cyanotus somaliensis*.....

35c



ST. ANDREW'S CROSS

AT LEFT:

This year we offer some new hybrids between *Crassula triebneri* and *Crassula schmidii*. The parent had charming pink blossoms and a very floriferous flower panicle. The plants resemble the old St. Andrew's Cross can not guarantee the flower color. Each.....

35c

CRASSULA DREGEANA

A fine series of hybrids of this seldom seen species. These are second generation crosses from the loveliest flowering plants noted for their long flowering period. Each one should be a jewel. Potted each.....

50c

PYRAMID CRASSULA

AT RIGHT:

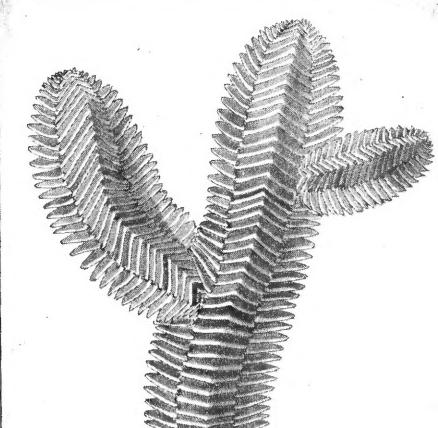
Crassula pyramidalis is a rare collector's item. It is the oddest of the laminate leaved types. It bears terminal corymbs of fragrant, white "shaving brush" flowers. The flat wedge-shaped leaves are packed into tall columns. Sandy soil with leafmold and an airy light position. Each.....

75c

CRASSULA CONGESTA

Another very odd and rare species with corymbs of snowy flowers and thick green leaves. Each.....

50c



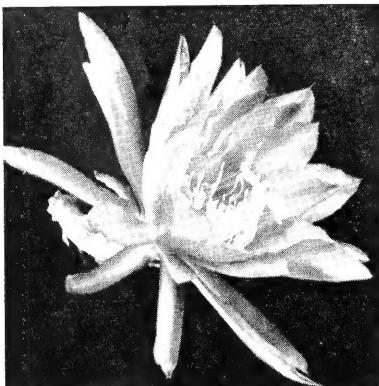
ORCHID CACTI



GLORIA 2/5 Natural Size

A magnificent Orchid Cactus with gorgeous flame colored flowers sometimes 9 inches across. Its season of bloom is one of the longest, flowers sometimes appearing as late as August. Very easy to succeed with. An outstanding variety and much recommended. Each.....

75c



ORIOLE

A charming variety with white inner petals surrounded by an outer circle of rich yellow and gold. The plant is quite free flowering and vigorous. Each.....

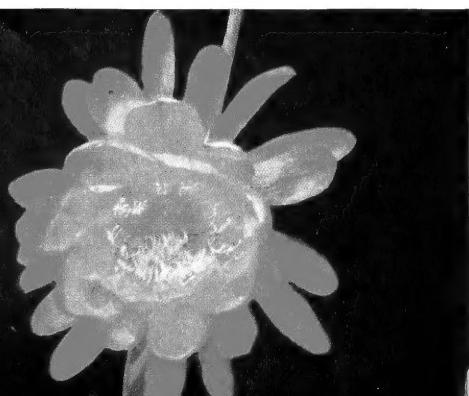
75c

JUBILEE ASSORTMENT

COLLECTION BB

8 named Orchid Cacti in a fine range of colors and types for 4" pots. A rainbow in your window

\$5



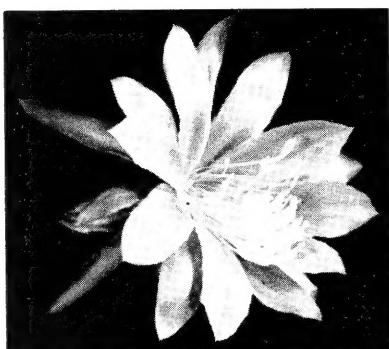
RAINBOW ASSORTMENT COLLECTION B2

Three beautiful Orchid Cacti.

Red
White
Pink

3 labelled varieties
of first quality.....

\$2



HERMOSSUS

A large, broad petalled flower of fine red. Throat brilliant, iridescent violet. Free flowering. Strong growing. Each.....

75c

AT LEFT:

CALLENDER'S PFAU

A very brilliant blossom with full rounded petals.
Each.....

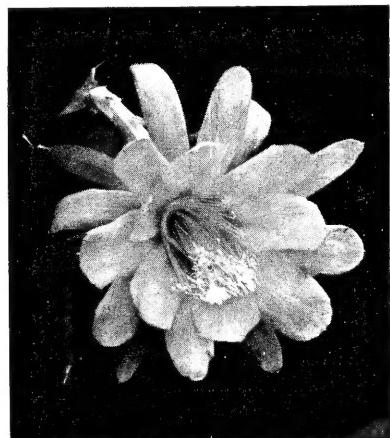
\$1

GAY SENORITA

A fine Empress hybrid. Pale rose blending to scarlet in the throat \$1.50

BAMBI

Exquisite fuchsia-red with darker center stripe. Splendid.....\$1.50



AGATHA

Soft pastel pink petals with satiny sheen. Large wide opening flowers. Free bloomer and strong grower.....

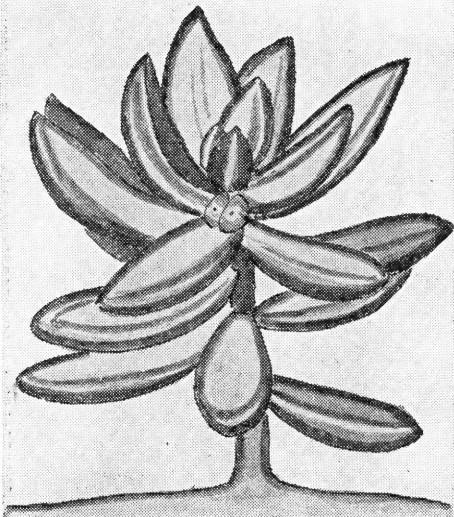
75c

PROFESSOR EBERT

A very lovely and free blooming variety with flowers of bright violet carmine. A good sturdy plant with triangular, fresh green stems and quite sure to flower. An attractive upright plant bearing its flowers boldly. Each.....

85c





CHRISTMAS GOLD

Bright leaved plants add to the variety and attractiveness of a window garden. Sedum adolphii has golden yellow leaves and keeps its color even in shade. It grows readily, preferring a sandy soil which will keep it within bounds. Each.....

25c

XMAS BRONZE. A coppery leaved version. Each

25c

MINIATURE CACTI SEED

A choice mixture of the finest toy cacti, including rare Parodias, Notocacti, Gymnocalyciums, Mamillarias, Echinopsis, etc. Fifteen or more of the prettiest small growing types. Full instructions for planting. Per packet.....

50c

MIXED PINCUSHION SEED

Mamillarias are one of our specialties and this mixture contains a very pretty and representative group. They germinate readily and can be flowered in two years. You will enjoy them. Per packet.....

25c

CACTUS AND SUCCULENT

SOCIETY OF AMERICA

The Cactus and Succulent Society was organized more than 20 years ago to bring together those interested in these extraordinary plants and to publish a magazine which would provide a forum for the exchange of information and for the publishing of new species and scientific data. The Journal, under the competent editorship of Scott Haselton, has well achieved these aims; and today is the world's foremost publication about these plants.

Everyone is invited to join the Society and to receive this splendidly illustrated magazine. It has many articles on new plants, stories on exploration trips to new localities, articles on culture, news of affiliated Cactus Clubs in every region of the U. S. Everyone interested in Cacti and Succulents will continue to find this a most interesting magazine.

Membership and Journal—
Six double issues a year
Europe and Africa

\$3.00
\$3.50

ODDS AND ENDS

COLLECTION B9

We offer here an unlabelled assortment of Cacti and Succulents at a very low rate. After each packing and shipping day there are many plants left over, rare as well as common varieties. We offer these at 10 plants.....

\$1.50

BARGAIN ASSORTMENT

COLLECTION B10

A real low priced collection of colorful, small succulents for those interested in a nice window arrangement or dish garden. 10 unlabelled small Succulents, postpaid.....

\$1.25

COLLECTION B11

25 unlabelled small plants all different.....

\$2.00

Collections B10 or B11 can be ordered without paying the 50c packing and postage charge.

Cactus and Succulent Seeds

Cacti and many Succulents are readily grown from seeds. Some fast growing species make attractive small specimens within a year; others are much slower in attaining size. Seeds of many germinate rather quickly, others take much longer to sprout. Quite a few kinds will up within two weeks. The prime essential is to keep the seeds very moist until well sprouted. We recommend our Jungle Mix as excellent for germinating seeds as it may be kept wet without packing and does not attract "damping off" fungi. Full planting instructions with each package of seed. Purchases of 50c or more of seed may be sent without packing or postage charge.

HAWORTHIAS MIXED

A mixture of various types of Haworthias including Haworthia setata, H. subfasciata, H. margaritifera, H. pilifera, etc. All grow splendidly in our Jungle Mix. Seeds germinate quickly. Keep quite moist at all times. Very interesting small plants. Per packet.....

50c

NOTOCACTUS MIXED

Notocacti are all colorful spined plants with large blossoms. None are too large for the small window garden and all have stood 20° without cold damage. They are a diverse group, easily grown. Mixture contains Golden Ball, Silver Ball, Lemon Ball, Sun Cups, Indian Head over a dozen species. Package.....

50c

PARAMOUNT HYBRIDS MIXED

This seed has been carefully collected from 100 of my better Easter Lily Cactus hybrids. They are the result of crosses between Echinopsis and Lobivia bringing together the lovely colors of Lobivia with the much larger, graceful flowers of Echinopsis. This has created a whole range of new colors not found in either Lobivia or Echinopsis. Shrimp pink, salmon pink, smoky rose, orange, red are all to be found. A good proportion of the plants should be well colored; all will have large lovely flowers. 25 seeds.....

50c

CHOICE SUCCULENTS

A mixture containing many interesting or rare species of Mesembrianthemums, Crassulas, Cotyledons, Rocheas, Anacampseros, Aloes, Castorias, Echeverias, Dyckias, etc. Seeds of these plants vary greatly in size, shape and longevity. Some are quite large, some papery and others very tiny. The very fine seed contains many of the prettiest types such as the Crassulas, Cotyledons and Echeverias. To germinate these properly requires a spongy, peaty soil kept wet. We recommend our Jungle Mix as perfect. Per packet.....

50c

DE LUXE MIXTURE

A superb mixture made up of over 75 species of Cacti. There are no weedy species included. They are collected from our own plants many requiring hand pollination. Our cactus seed is not to be compared with other offered kinds for it is not made up of wild collected seed of a very few native cacti. The very fine dust-like seed contains some of the prettiest kinds as Parodia, Rebutia, Notocactus, etc. Put up in two packets of fine and coarse seeds. The collection.....

\$1.00

MIXED LIVING ROCK SEED

There are many kinds of living Rocks and we have one of the finest collections in this country. All seeds offered are grown by us. Pleiospilos, Lithops, Lapidaria and many others are included in this selection. Some seeds are very tiny. Per packet.....

50c

STONE FACES MIXED

The Stone Faces or Lithops are the prizes of any collection. These handsome and entirely novel plants prove of interest to everyone. The seed germinates very quickly and easily. You will have seedlings within two weeks. After they are fully germinated put them in a light, airy window. About 100 seeds.

25c

The NEW SAND CULTURE for CACTI

Hydroponics is the scientific name for growing plants in culture solutions. The new science is rapidly proving its worth and for the cactus enthusiast has especial points of interest. One may grow his plants in clean porous sand, thus greatly reducing the danger of overwatering. This is of particular interest to collectors who live in damp, foggy or rainy places. Many choice or difficult plants thrive under this treatment, for cactus roots when well fed enjoy spreading in the air filled sand.

VITAMIN B-1

JOHNSON'S OWN B₁ TABLETS

For use in Any Soil



Works miracles on Cacti and Succulents, often bringing refractory plants into bloom. Don't fail to use this wonder working solution. Better Homes and Gardens tests on cacti report wonderful success attained in flowering slow plants. Particularly valuable to stimulate new root growth after transplanting.

75 Double Strength Tablets with Full Instructions. Postpaid.....

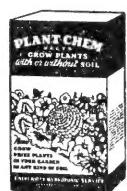
75c

PLANT-CHEM-SALTS

Now Grow Prize Cacti the Easy Way

Cacti grown in pure sand and watered regularly with this nutrient solution make a vigorous normal growth. Contains in scientific proportions the thirty chemicals needed in the growth of all plants.

16 gallon package, postpaid	30c
100 gallon package, postpaid	\$1.10
400 gallon package, postpaid	\$2.10



JOHNSON'S SAND CULTURE KIT

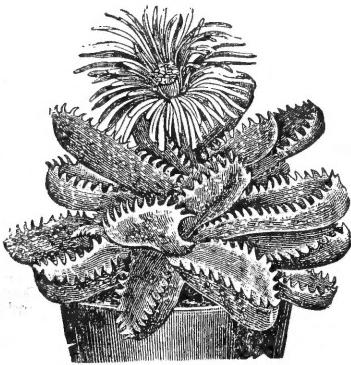
COLLECTION H 23

Complete instructions on growing Cacti and Succulents in sand with nutrient solutions. Simplifies watering. Makes the most difficult desert plants of easy culture. Particularly useful where winters are long and damp.

Full instructions, 16-gallon package Plant Chem.

75 Johnson's B₁ Tablets. 50c package Cactus Food.....

\$1.25



TIGER JAWS

The Faucarias are easily grown old favorites. Their curious, toothed leaves and cheerful yellow blossoms in the fall, insure them a place in every collection. Flowering clusters 35c. Smaller.....

25c

TERMS

I GUARANTEE SAFE DELIVERY

ANYWHERE IN THE U. S. OR CANADA

We do not like to ship in December and January due to the extreme cold at this season plus the crowding of Christmas mails and consequent rough handling of packages. We can ship to the Pacific Coast and Southwestern States.

50c packing and postage charge on orders of less than \$2.50 due to increased costs.

10% postage charge on orders of from \$2.50 to \$5. Thus add 25c to \$2.50 or 30c to \$3 orders. This is generally only part of actual postage.

FREE delivery on orders of \$5 or more.

How to remit: By check, postal note, money order or postage stamps of large denomination, 50c and \$1, stamps accepted.

No C.O.D. orders accepted.

How we ship: By Parcel Post which delivers direct to your door. All plants are passed by State Horticultural Inspectors to insure freedom from insect pests. They are packed by experts in specially made cartons insulated from cold and clearly marked "Rush—Perishable—Tender Plants."

OUR GUARANTEE is for safe delivery of clean, healthy stock correctly labelled. We cannot undertake to make good plants lost through improper care. If plants are injured in transit and we are notified at once we will give credit for all damaged items.

FOREIGN SHIPMENTS

We ship regularly to practically every country not in the communist zone. We are familiar with most rules and regulations and with customs requirements and you will have no trouble with our shipments.

Cacti travel well via parcel post. Succulents should go by air freight only.

Postage charges are 30c per pound due to new increases. To figure weight of plants: 6 plants per pound including packing materials. Minimum foreign orders (not including Canada) are \$5.

PLASTIC LABELS

Permanent labels for plants poses a very difficult problem for the collector. Wooden labels while quite satisfactory do not of course last indefinitely. These plastic labels last for many years and outside of copper or zinc labels, which are difficult to affix to the plant, are the best solution I have found to date. Lead pencil writing lasts very well indoors or in the greenhouse. Outdoors it eventually weathers off. Grease pencils are useless. Water proof India drawing ink has proven the best medium for permanent labeling.

3 1/2" x 1/2" Plastic pot labels. Per 100....\$1.25

4" x 5/8". Per 100\$1.50

4 1/2" x 1/8", Large, shaped labels for outdoors or pots. Per 100\$1.75

Johnson's Jungle Mix

A new type of cactus compost for epiphytic cacti. I have found that most of the more difficult kinds grow in this new mixture very readily producing a vigorous, extensive root system seldom seen in other composts. It may be kept much more moist without endangering the plants or drowning the roots. Expressly for Christmas Cactus, Schlumbergera or Easter Cactus, Orchid Cacti, Rhipsalis, Rhipsalidopsis, Nopalochia, Chiapasia, Selenicereus, Hylocereus and all related kinds of epiphytic or jungle cacti. It is also unexcelled for rooting cuttings of cacti and succulents. It may be easily modified into the finest potting soil you ever used for all types of house plants from Philodendrons, African Violets to Geraniums.

Per bag 120 cubic inches (with orders)	75c
5 pounds with box or 6 quarts	\$2.00

West of Mississippi River.....\$1.75

The large box may be ordered separately at no extra cost.

JOHNSON'S CACTUS FOOD

A very effective fertilizer with a good organic base, the ingredients of which are blended and proportioned to help your plants to make normal matured flowering growth. It is not a soluble fertilizer but should be scattered over the soil, a level teaspoonful to a 4-inch pot, three or four times during the growing season after the plants are well established.

Use only during the growing season. Light applications once a month are more effective than heavy applications.

12-ounce Bag	50c
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2-pound Bag	\$1.00
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ROOTWELL

Want to raise Cactus cuttings? Our new hormone powder for rooting refractory cuttings of all kinds designed particularly for quickly rooting Cacti and Succulents. Sterilizes the cut surface and induces luxuriant growth of roots. Apply dry with finger to fresh cut.

Full Directions. Per Package.....	50c
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JOHNSON'S VITAMIN B1

For all house plants.

Works miracles on cacti, often bringing refractory plants into bloom. Don't fail to use this wonder working solution. Our customers report success, particularly when used on old plants. Also to stimulate new root growth after transplanting.

20 double strength tablets	35c
----------------------------------	-----

75 double strength tablets with full instructions for Cacti. Per bottle	75c
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CACTUS HELPS

COLLECTION \$100

Items to make the growing of your plants easier and more enjoyable. Included here are all the things to root and grow your plants except loam and sand. Sand may be purchased from poultry houses or builders. Loam from garden or hillside.

Book, "Cacti and Succulents and How to Grow Them."

75c package Cactus Compost.	
-----------------------------	--

Johnson's Cactus Food.	
------------------------	--

Johnson's Cactus Soil Conditioner.	
------------------------------------	--

Quart of Cactus Hardwood Charcoal.	
------------------------------------	--

20 double strength B1 tablets.	
--------------------------------	--

50 Painted Wooden Plant Labels.	
---------------------------------	--

Items to Make Cactus Growing
Easy. Postpaid.....\$3.00

OUR SPECIAL CACTUS LEAFMOLD

A recleaned, sclerophyllous desert leafmold, sifted, light and dry. Mixed with equal parts of both sand and loam, it makes a fine, economical cactus soil.

115 cu. inches enough to make
6-10 qts. potting soil

75c

PLANT CHEM SALTS

Cacti grown in pure sand and watered regularly with this nutrient solution make healthy, vigorous growth! An occasional watering of all your house plants will supply the rare minerals sometimes lacking.

16-gallon pkg., with full instructions.....	30c
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100-gallon pkg., with full instructions.....	\$1.10
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400-gallon pkg., with full instructions.....	\$2.10
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DIAMOND JUBILEE CACTUS HANDBOOK

Our Diamond Jubilee Cactus Handbook celebrates our 75th year in the nursery business. It contains a great many color plates of cacti and succulents, hundreds of photographs and much information on culture such as how to water, how to rest your plants, etc. Also notes on the native lands of our plants, where they are found, how they are named, and the general lore of cacti.

There are listings of hundreds of interesting plants, together with sizes and prices of available supplies. It has been impossible to list in our smaller yearly catalogs many items that have been available in the past.

Cactus Handbook. 48 pages.
Price.....

50c

JOHNSON'S CACTUS COMPOST

Mix With Your Own Sand and Soil

An economical compost for Cacti and Succulents which when mixed with equal or larger quantities of both sand and light loam makes a very suitable soil for all desert plants. Composed of our recleaned sclerophyllous leafmold, lime, gypsum in the proper proportions for all potted cacti. A light and bulky mixture, the same as we use in our own potting soils for both seedling and specimen plants.

384 cu. inches or 5 pounds

\$1.95

(May be ordered separately postpaid)

115 cu. inches enough for 6-10 quarts of
Potting soil

75c

JOHNSON'S CACTUS SOIL CONDITIONER

Of great assistance in keeping cacti in good health, it is designed to add the minerals ordinary garden soils often lack. Desert soils are often high in mineral content, for there is little rain to leach them away. A spoonful of my Conditioner placed about a Cactus plant and stirred lightly into the soil will often bring an ailing one back to health. Mix it with your potting soils.

Small Size, 10 Ounces, Postpaid.....

60c

Large Size, 32 Ounces, Postpaid.....

\$1.00

HARDWOOD CACTUS CHARCOAL

Useful in keeping cactus soils sweet and aerated. Helpful in heavy soil.

Per Quart

40c

CACTUS INSECTICIDES

Our special instruction sheet describing common cactus pests and treatment, with spray formulas. We recommend Red Arrow Spray as effective and non-injurious to cacti or other house or garden plants.

Instruction Sheet and Bottle of Red Arrow Spray. Postpaid

40c

VOLCK SPRAY.

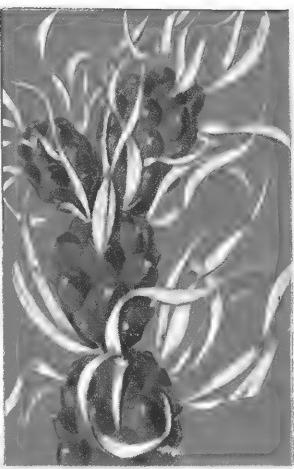
An oil spray recommended for any kind of scale insect and for mealy bug. These two insects are hard to kill as they have a waxy covering which repels water. We have used it for years, but only recently has it been put up in small bottles. 4-ounce bottle prepaid (with orders only) with chart describing cactus pests. Full instructions for use.....

50c

**CEREUS HYBRIDUS MONSTRUOSUS**

A strange and monstrous cactus. Never loses its odd appearance. Very easy to grow. Splendid for pots. 75c and.....

40c

**PAPER SPINED OPUNTIA**

White paper ribands for spines! Tephrocactus glomeratus likes sandy soil and sun. From Argentina. Nice plants.....

35c

**FLOWERING TREE CEREAUS**

The tree-like Cereus goniatus bears many large white 5" blossoms with reddish sepals and large red apple-like fruits. The crisp sweet crystalline pulp is very pleasant. The fruits are smooth and spineless. Quick growing, vigorous or easy culture. Good loam soil. In winter they may be stored in basement or attic. 7"-8" 50c. Smaller.....

35c

Cereus mielissimus. Spiny 50c....35c
Cereus alacriportanus. Tree-like. 50c....35c

Cereus horridus. Tall50c....35c
Cereus Iianosii50c....35c
Cereus hexagonus50c....35c
Cereus dayamii50c....35c

MEXICAN JEWEL COLLECTION No. B1.

These four pretty and easily grown Pincushions may be planted in individual 2 or 3 inch pots or may all be planted together in a small ornamental dish. They all do well in any well lighted window with moderate watering. The set in nice plants.....

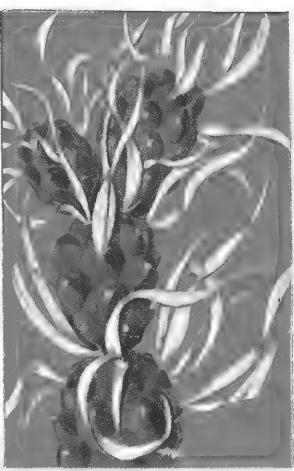
90c

POWDER PUFF (Mammillaria bocasana)

Like a bursting cotton ball, this little plant is clothed with silken snow-white hair instead of spines, though it bears one tiny hooked one on each slender nippie. Cream colored flowers followed shortly by very attractive bright red, long, curved seed pods. A jewel among cacti. Very easy to grow in a well lighted window. Sun or partial shade moderate watering. Flowering and seeding specimens large \$1. Nice flowering..... Clusters 50c and.....

35c

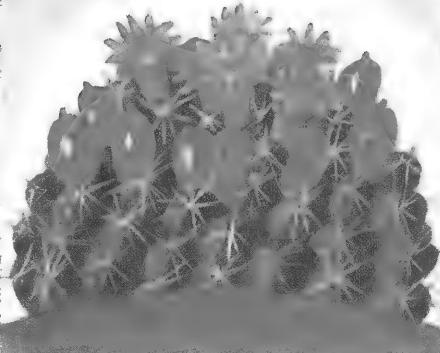
.75c

**RIPPSALIS**

Rhipsalis are not very commonly seen. They make nice specimens for the shade garden. Mostly they are hanging plants though at first they are upright. Plant them in our Jungle Mix in which they luxuriate.

Rhipsalis capilliformis.
35c

R. cassutha	50c
E. clavatus	35c
R. crispatus	35c
R. neves-armondii	35c
R. grandiflora	35c
R. rhombaea	35c
R. teres	35c
R. trigona	35c
R. Schaferi	50c

**CORAL CACTUS**

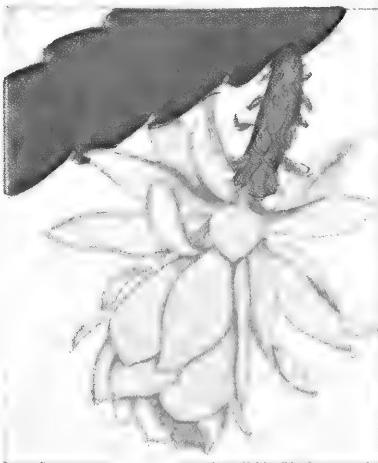
The Coral Cactus (*Mammillaria hederi*) is one of the prettiest of all with its circlet of coral red berries and charming cream flowers. The Berries burst forth ripe and scarlet taking only a day or so to appear. Mature fruiting 2"-3" specimens each.....

50c

DISOCACTUS EICHLAMII

A lovely fern-like plant that will thrive given the same treatment as African Violet. In the spring it is covered with dainty, crimson blossoms. Slender, drooping, frond-like stems. Plant it in our Jungle Mix. Keep moist and cool. It will not thrive in hot dry situations. Each potted,

75c

**EMPERESS**

This lovely plant bears a prodigious number of flowers. It should be given the same treatment as Orchid Cacti. We recommend our Jungle Mix potting compost for these plants which in the wilds grow up in the trees along with Orchids. Keep moist.

85c

Spring blooming. Each.....

JOHNSON'S JUNGLE MIX

A new potting compost for all epiphytic cacti.
Per bag postpaid75c
5 pounds with box postpaid\$2.00
West of Mississippi River \$1.75

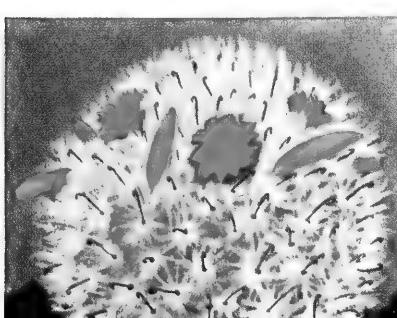
**Giant Mexican Cereus**

Small plants are quite pretty and graceful. The above photograph of *Pachycactus pringlei* I took in Baja California. Fine specimens 5"-7" 50c and 25c

75c. Nice 2"-3"

CACTUS AND SUCCULENT JOURNAL

Join the Cactus and Succulent Society and receive the splendid illustrated Journal. Six 32 page issues yearly\$3

**LADY FINGERS***Mammillaria elongata Schmollii*

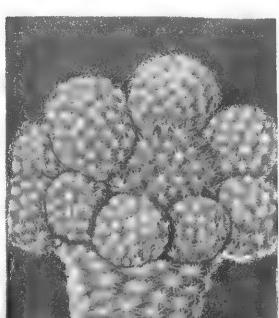
A dainty gem and so easy to grow. Each little plant is a bright mosaic of golden yellow harmless spines. Quickly forms fine clusters. Large clusters 50c. Smaller 35c and.....

25c

**THIMBLE CACTUS***Mammillaria fragilis*

Like the "old woman who lived in a shoe," this little cactus has more children than she knows what to do with. Pure white, harmless spines and every little baby will quickly grow. Each.....

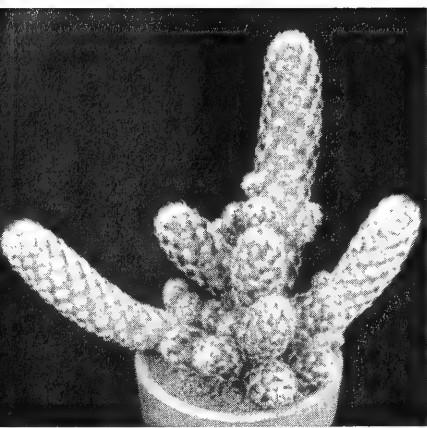
25c

**RUBY DUMPLING***Mammillaria tetrancantha*

A quick growing cactus with bright red flowers and, with maturity, a hoary white head. A long time favorite. Large specimens \$1. Smaller flower- 50c. 1"

25c





AUTUMN

A bright, red-gold spined selection of *Mamillaria elongata*. It is remarkable for the great number of branches which it produces even on small plants. Quickly forms a nice cluster. A choice and easily grown specimen. Spines are harmless.

50c

Clusters 35c and.....

SPECIMEN PERUVIAN OLD MEN

These are 5 to 7 year old specimens of *Euphorbia lanata* and are attractive, adding that authoritative touch to your collection.

3-4 inches \$1.00

5-6 inches \$1.50



PINK BALL CACTUS

This plant, *Notothallis rutilans*, does not grow very large. In spring it bears charming pink blossoms, $1\frac{1}{4}$ inches across, in some profusion. One of the easiest to grow if given a somewhat sunny position. Native to Uruguay. The petals have a satiny sheen. Spines very short, reddish in color.

Each 50c and.....

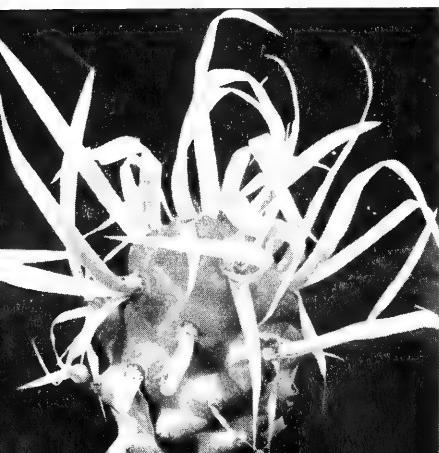
75c

RIBBON CACTUS

This is a much larger plant than Paper Spined *Opuntia*. The flat, papery spines are light brown in *Tephrocactus turpinii* the joints often as large as an egg. It is native to Argentina where it forms low dense mats. Pot in a quite sandy soil.

75c

Nice specimens 50c and.....



CACTI

The following cacti belong to many groups and unless specifically mentioned require much the same treatment like a porous soil from which the water drains quickly and light or sunny position. Water moderately so the soil is dry in about 5 days.

SHADE LOVING CACTI

Quite a number of tree dwelling (epiphytic) cacti require some shade in summer. They require about the same culture as a begonia or African Violet and make interesting window plants. They prefer cool treatment as they are mountain inhabitants. Pot in our Jungle Mix soil.

EASTER CACTUS HYBRIDS

These are crosses between the brilliant Easter Cactus and the lovely *Rhipsalidopsis rosea*. They flower very freely, are easy to grow and are fine house plants.

Andrea. A vigorous variety with the habit of Easter Cactus but with large wide open 2 inch crimson flowers at the tips of the branches. Each potted

90c

Peter Pan. Slender branches edged red. The flowers are quite unique, long and bright carmine in color. The plant branches freely, the flowers tipping each branch. Potted

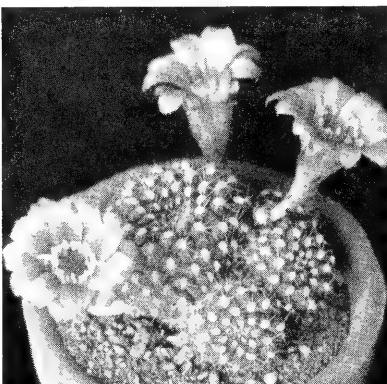
90c

EASTER CACTUS

Schlumbergera Gaertneri is an old favorite. The plant is somewhat like Xmas Cactus but the flowers are scarlet and open widely without the long tube. Blooms about Easter. Each potted \$1.00

SPRING BEAUTY

Rhipsalidopsis rosea is a much branched small cactus the tiny branches a half inch long. It likes a cool moist location. The blossoms are lovely and freely produced, bright rose pink. Potted each 85c



PINK CROWN CACTUS

Everyone is thrilled with the handsome flowering *Rebutia violacea*. The exquisite, brilliant cerise blossoms are produced in a circlet around the plant from the base. They continue flowering for a long time during spring. Very easily grown in part shade. Do not let too dry. Grows well in our Jungle Mix. Each 75c and.....

35c

REBUTIA GRANDIFLORA

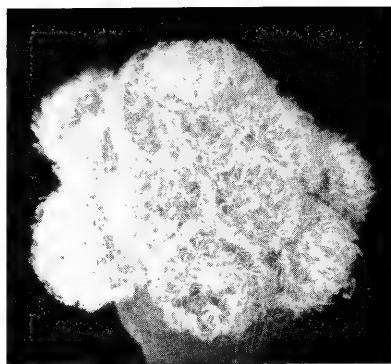
A very large flowered species with scarlet blossoms. Nice

75c



A NEW ORLEANS COLLECTION

Mrs. Fontcuberta whose collection was started in 1947 gets a great deal of enjoyment from her cactus collection. Her pleasure is in introducing them to others and helping start their collections.

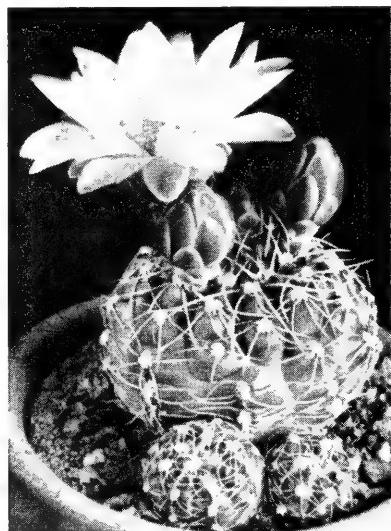


FEATHER CACTUS

It bears no spines.

Certainly one of the most unique of cacti *Mamillaria plumosa* has always been very scarce. The spines have been transmuted into curling feathers. Snowy white and down soft they completely cover the plant. The small plant forms clusters the youngest nesting under the skirts of the mother. Quite sandy soil and only part sun. Larger \$1. Nice.....

75c

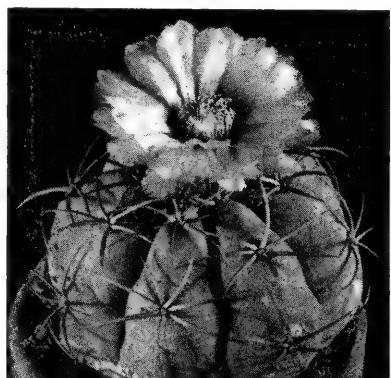


YELLOW CHIN CACTUS

The Chin Cacti are amongst my favorites. They are easy to grow and flower freely in the spring. *Gymnocalycium leeanum* has lemon yellow blossoms. The plants are low, rounded with broad ribs and appressed spines. Old plants are almost flush with the soil and around them appear a circle of small plants.

Large \$1.50. Smaller.....

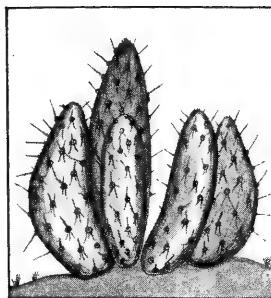
50c



EAGLE CLAWS

An old favorite bearing frilled, pink blossoms in summer. *Echinocactus horizonthalonius* has a wooly crown, few low rounded ribs, stout pink spines, blue grey body. Full sun, sandy soil, little water.

50c



At Left:

DOMINOES

Opuntia eriocentra forms a small clump of tiny, single pads which radiate from the center like the spokes of a wheel. It is found near Salta, Argentina. Prefers sun but does well in shade. Clumps.....

30c

At Right:

LEMON VINE

This odd cactus bears large leaves. The flowers are in clusters, pale cream in color. It is often used to graft Christmas Cactus on. Drops its leaves in shipping but soon grows new ones. Water well

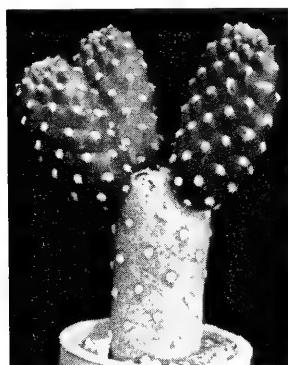
30c

**CHRISTMAS CACTUS**

A well known house plant which bears its lovely, deep pink blossoms in midwinter. The plants form a fountain of color and bloom exceedingly freely if rested in the fall and kept in a cool room. Well grown specimens may reach a yard across and 75 year old patriarchs with hundreds of blossoms are no novelty. Same culture as Orchid Cacti. We recommend our Jungle Mix for potting. Keep moist. Flowering plants 3 years old, 7"-8" \$1. Smaller potted 75c and.....

50c

THANKSGIVING CACTUS. A pretty variety with orange pink blossoms that flowers earlier. Branches red or copper colored. Small plants 75c

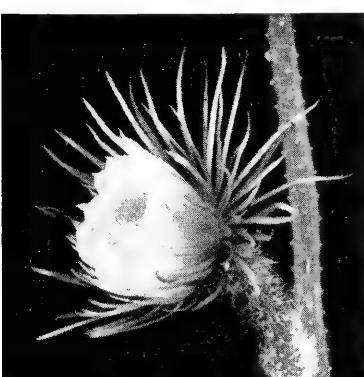
**BLACK OPUNTIA**

A most attractive plant the pads at times almost black dotted with the small white areoles. Consolida rubescens likes a good loam soil. It differs from the other Opuntias in that the "leaves" continue growing indefinitely. Each.....

35c

THIMBLE TUNA

Small ovoid joints in clusters. *Tephrocactus microsphaerius* has bright ruby red flowers. A pretty dwarf species. Each 35c

**PRINCESS OF THE NIGHT**

A glorious white and gold blossom 10" across. The best of the night flowering cerei for the window garden. Selenicereus pteranthus can be readily flowered. Sandia, losana and leafmold with generous summer waterings. Harden growth in late summer with sunlight and less water. Flowered plants \$1.50. 4" to 6"

Opuntia microdasys albata are dotted with areoles bearing fine, white, harmless glochids. Branches freely and remains dwarf the pure white cushions showing brightly against the green stems. Very easy to grow. Nice branched plants.....

30c

CINNAMON CACTUS

Cinnamon-red glochids. A pretty plant similar to Angel Wings. Handle with vegetable tongs. *Opuntia fuliginea*

25c



VIOLET SEA URCHIN

A lovely flowered small cactus blooming profusely in early summer. The blossoms of *Acanthocalycium violaceum* are particularly bright and shining. Flowers when small. Seldom reaches more than 3" in diameter; grows easily in sun or part shade. Specimens \$1. Flowering 50c. 1" each.....

35c

SOME NEWER CHIN CACTI

Gymnocalycium deesianum. Reported to be the finest of the Chin Cacti. I have only a few plants for distribution. 3/4" to 1" each.....

\$1

Gymno. andraea. A very pretty yellow flowered species. Rare

75c

Gymno. mostii. This quite rare plant fits closely the original description. Flowering size 2" to 3" each

\$1

Gymno. joosensianum. The seeds of this scarce species came from an authentic source. 1 1/2" each.....

75c

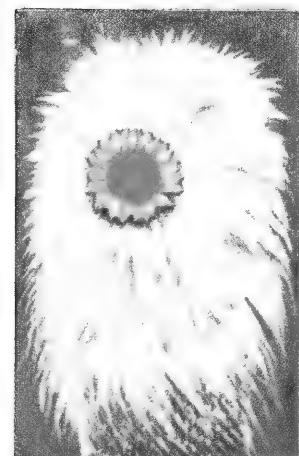
Gymno. baldianum. These plants differ from those formerly known under this name and more closely check with the original description. 1"-1 1/2" each

75c

Gymno. saglione. Make a very large specimen 8" in diameter. A spiny globe with rose pink blossoms. Nice bright plants 1 1/2"-2"

50c

Gymno. venturianum. Flowers in varying shades of red. A very choice, free flowering plant and a great favorite. Fine flowering plants **75c** and **50c**



OLD MAN CACTUS

The long white hair of the widely known *Cephalocereus senilis* makes it one of the most sought after. The plants are quite hairy from the tiniest plants on. Fine plants 2"-3" 50c.

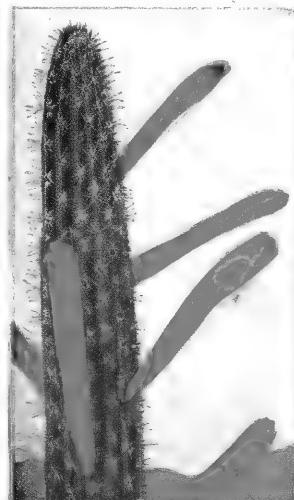
35c



MOON CACTUS

The large showy blossoms of *Eriocereus* open in the evening remaining open until late morning. Easy to grow liking a rich loamy soil, moderate waterings. Sun or semi-shade. Nice 50c and.....

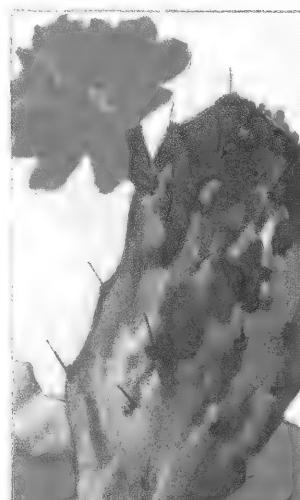
25c



SCARLET BUGLER

The fast growing, slender *Cleistocactus baumannii* has a number of stems to 2 feet tall. Bright red blossoms all summer. 12" 75c. Smaller 50c and.....

25c



JOSEPH'S COAT

Handsome variegated with white, yellow, green and pink. An easy to grow favorite. *Opuntia monacantha* variegata likes sun or partial shade. Moderate waterings. Nice plants.....

35c

PARAMOUNT HYBRIDS

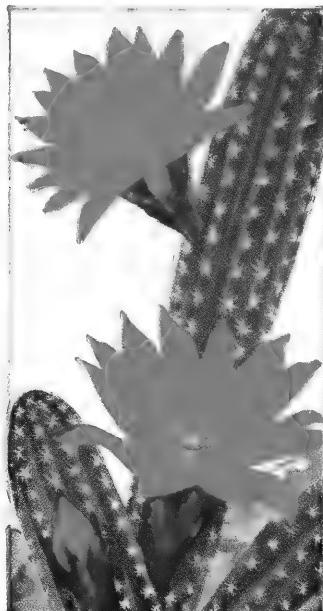
These very colorful plants are the results of many years work of hybridizing between *Echinopsis* and *Lobivia*. We have succeeded in producing a whole new range of color and form. They are sturdy, easy to grow and flower. Give them generous treatment.

RED PARAMOUNT. A very free flowering variety with lovely orange-red blossoms. Each **\$1.25**

SALMON QUEEN. Rich salmon in color. Plant and flower like *Echinopsis*. Vigorous grower. **\$1**

SUNSET. Red with violet overlay. Pale yellow central stripe. Large, broad petalled flower with long hairy tube. Flower very bright on second day. Each
\$1.50

RED PYGMY. A very different cross with *Echinopsis kratochviliana* as the mother. Flower short tubed, crimson-red. Plant *Lobivia*-like, cespitose. Each
75c

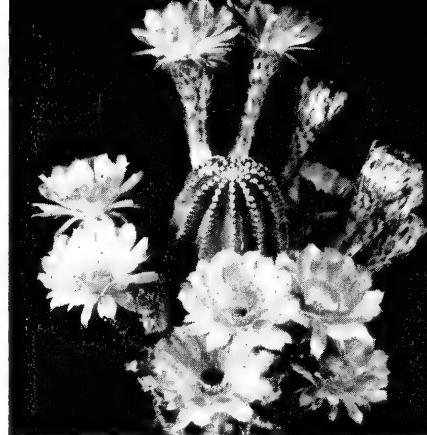


PEANUT CACTUS

Chamaeleocereus sylvestrii will form a nice cluster in one season. Branches freely. Sun or shade. Very satisfactory plant under almost any conditions.....

35c

Flame. A fine hybrid. Much freer and longer flowering
50c



ORANGE PARAMOUNT

A very handsome hybrid with clear, bright blossoms. The color is a fine orange. It is much more free in flower than either parent and flowers repeatedly during spring. The plant is a vigorous grower, the spines very short and harmless. Each.....

\$1.25

PARAMOUNT No. 25. Salmon colored flowers with a long tube. A pretty variety. Each
long \$1.25

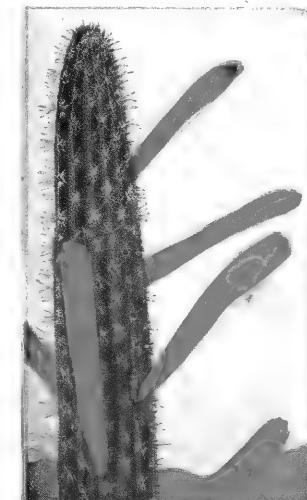


RED CROWN

The *Rebutias* are splendid window garden subjects. They start producing their lovely blossoms very early in February and continue for a long time. They begin clustering when very small and blossom when still small. Any well lighted window suits them if shaded from mid-day sun.

REBUTIA MINUSCULA. Bright red flowers. Exquisite! Nice flowering plants 30c and.....

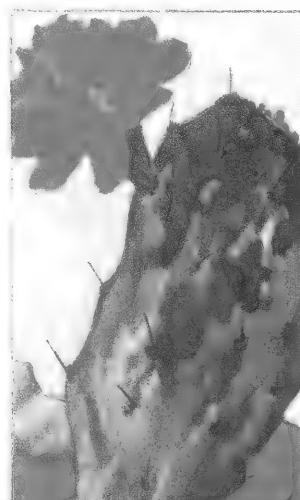
35c



SCARLET BUGLER

The fast growing, slender *Cleistocactus baumannii* has a number of stems to 2 feet tall. Bright red blossoms all summer. 12" 75c. Smaller 50c and.....

25c



JOSEPH'S COAT

Handsome variegated with white, yellow, green and pink. An easy to grow favorite. *Opuntia monacantha* variegata likes sun or partial shade. Moderate waterings. Nice plants.....

35c

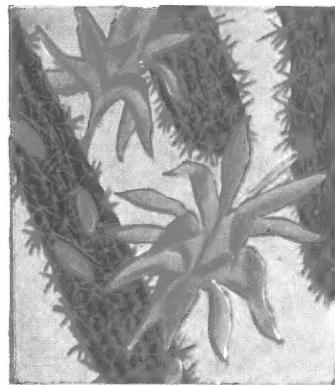


TOM THUMB

Parodia aureospina is one of our choicest plants. A jewel with bright yellow spines and large blossoms. Anyone can flower it. Spring ordered plants are generally in bud. Even tiny plants flower. Fast grower. Full sun or part shade. Nice specimens 50c-\$1. Smaller each.....

35c

Crimson Parodia. Lovely brilliant red blossoms. *Parodia sanguiniflora*. Specimens \$1. Flowering 75c and 50c



RATTAIL CACTUS

This is one of the prettiest of cacti. The graceful, pendent stems may grow to a length of two or three feet in a fountain effect as the plant branches very freely. *Aporocactus flagelliformis* flowers in April and May bearing scores of its large showy pink blossoms. Grows easily in full sun or part shade. We recommend our Jungle Mix for potting. Plants from pots with ball each.....

75c

Grafted plants on *Nyctocereus* each.... \$1.25

A COMPLIMENT

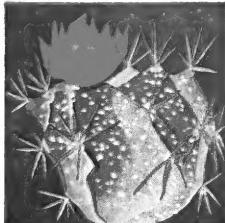
"I wish to compliment you on the good standards you must maintain in order to furnish the excellent quality of plants such as arrived in my first order."

Lawrence E. Dawson,
California.

BOWL COLLECTION. No. B3. Five interesting plants for a dish garden

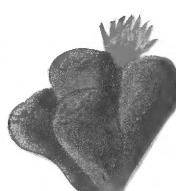
STAR CACTUS

Handsome yellow blossoms. Plant spotted with many white dots. Easily grown.....

35c

STONE FACE

These Lithops closely resemble beautifully marked pebbles. Quite rare. Each 35c



NEOPORTERIA SUBGIBBOSA

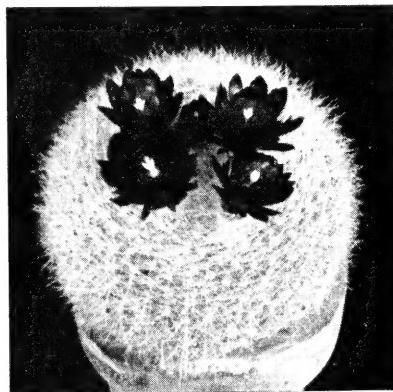
A very spiny, tall-cylindric plant which in early spring bears many bright rose-pink blossoms. An easy to grow Chilean plant. Large specimens \$2. Smaller \$1. 1" to 1 1/2" **35c**

FLAME CACTUS

Pyrrhocactus tuberosus is a ball-shaped cactus with heavy, curved spines. The dark red flowers are freely borne in spring **50c**

AGAVE CACTUS

Leuchtenbergia principis is a rare cactus with long blue nipples and papery spines. Fragrant, large yellow flowers. Nice 50c and.....



SCARLET BALL CACTUS

Notocactus hasselbergii is an extremely handsome and very scarce cactus seldom seen in collections. The short bristle-like spines are glassy white. In early spring the spectacular crown of crimson or scarlet flowers makes its appearance. While it is of easy culture it should only be in the finest collections as there are but few of them. Part sun. Flowering specimens \$2. Smaller specimens.....

\$1.25

YELLOW BALL CACTUS

Notocactus graessneri is a yellow spined counterpart bearing pale yellow blossoms. A handsome plant for choice collections. Large flowering specimens 5 years old \$1.50. Smaller \$1. Nice

35c

SILVER BALL CACTUS

Notocactus scopula is a white spined species with bright yellow blossoms very freely borne in spring. A splendid specimen plant and easy to grow. Fine plants 75c-50c and.....

35c

GOLDEN BALL CACTUS

Notocactus leninghausi glows with the golden color of its soft, hair-like spines. With age it becomes tall-cylindric, branching freely from the base. A handsome small specimen. 10 year old plants \$5 to \$7.50. Nice specimens \$1. Smaller 50c and.....

35c

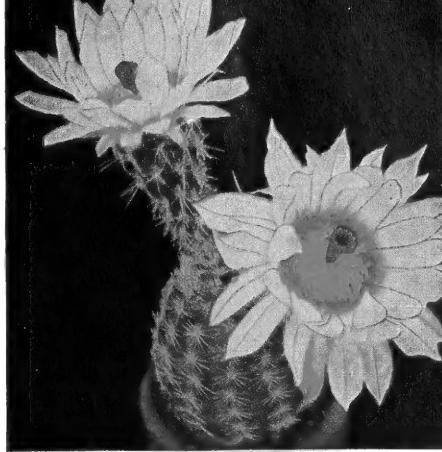
GOLDEN EASTER LILY CACTUS

A very free flowering plant *Lobivia aurea* is well worth having. Flowers are quite large of a cheerful yellow color. Large \$1. Very nice 50c and

35c

VITAMIN B1 TABLETS

Works miracles on Cacti often bringing refractory plants into flower. **75 Double Strength Tablets** **75c** with full instructions for cacti. Bottle.....



RAINBOW CACTUS

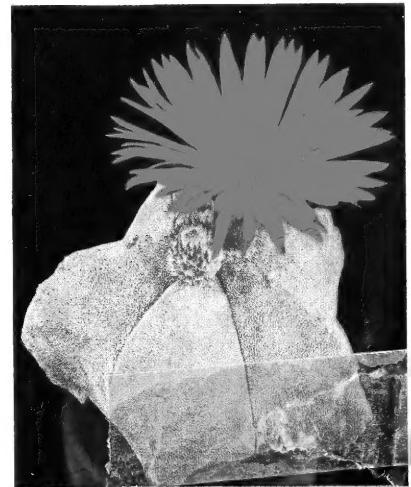
A handsome dwarf, free blooming cactus. Sure to flower and with a long blooming period. Flower when hardly an inch tall! Likes a rich but sandy soil. Small 1" 25c. Nice flowering.....

35c

SUCCESS WITH HER CACTI

"I want to tell you how wonderfully my Orchid Cactus I wrote about three years ago is doing. I have been using your Vitamin B1 tablets on all my plants and they are a joy to behold. I have told many people of your plants and products. The Moonrise Orchid Cactus I obtained from you now has 10 blossoms. The old plant had easily 50. It has bloomed that way three years."

Mrs. Maude Siller, Montana

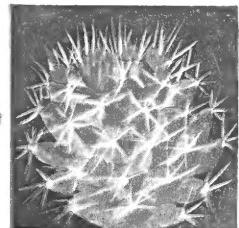
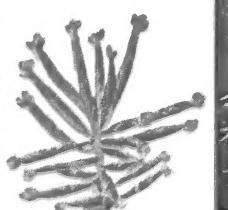


BISHOP'S CAP

A popular spineless cactus for every collection and very easy to grow. *Astrophytum myriostigma*. Flowers freely all summer long. Sunny location, moderate watering. 2 1/2"-3" \$1.25. 2" 50c. Nice 1"

35c

4 sided Bishop's Cap. Curious. Each..... 40c
Astrophytum myr. nudum. Rare smooth variety. 50c



AIR PLANT

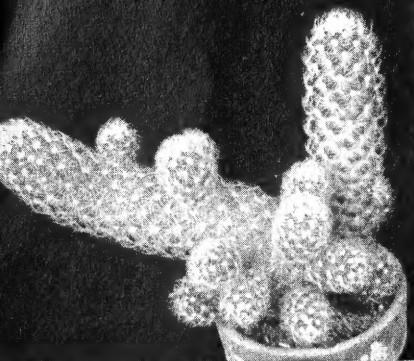
Grows young plants on the tips of its leaves! Red bells at Christmas.....

25c

DUMPLING CACTUS

Fine for small gardens for it bears many red blossoms when small. Nice.....

25c



GOLDEN GLOW

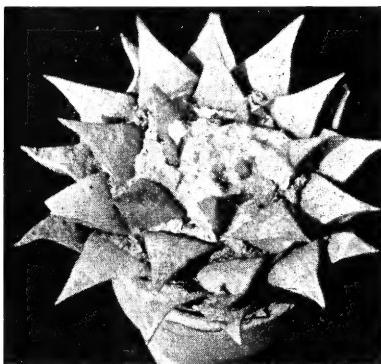
A charming selection from *Mamillaria elongata*. This variety has stouter stems than most and may reach 8" in length. It branches from the base and forms a very nice specimen. The bright yellow spines give a fluffy effect to the plant.

35c

JOHNSON'S CACTUS FOOD

A very effective fertilizer with a good organic base the ingredients of which are blended and proportioned to help your plants make a normal, matured, flowering growth. Use only during the growing season in light applications once a month.

12 ounce bag 50c
32 ounce bag \$1.00



ARIOCARPUS RETUSUS

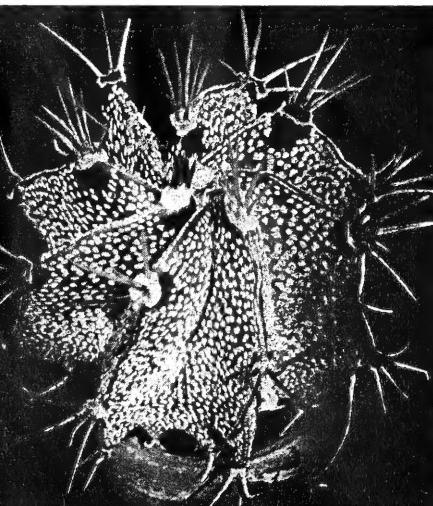
These very rare odd interesting plants are fine specimens. Our plants are all mature flowering plants averaging 2½" to 3¼" in diameter and perhaps 25 years old. They are extremely slow growing.

Plant in sand and leaf mold. Each..... \$2

STAR CACTUS

Every collection should have the handsome *Astrophytum ornatum*. An old favorite of easy culture. It is beautifully dotted with myriad snowflakes. Even the tiniest plants are perfect miniatures. Bears large lemon yellow flowers. Grows freely in sun or part shade. 1½"-2" 50c. Nice

35c



FANCIER'S COLLECTION

Collection No. B4



16 Fine plants to start your window garden. All first quality plants. Contains only tested plants such as I would want in my own garden. Nice sizes, correctly Labeled.....

\$3

DE LUXE GARDEN

Collection No. B5

28 Choice plants correctly labeled. A fine selection of the beautiful and odd. Living Rocks, Old Man, Pincushion, Echeverias, Barrel Cacti, Parodias, etc.



FANCIER'S ASSORTMENT

Collection No. B6

60 Choice and rare plants for the collector of the odd and beautiful. Stone Faces and other rare South African succulents with South American Lobivias, Cereus, Notocactus, etc., plus Mexican Mammillarias, Ferrocactus, Cereus, etc. Labeled.....

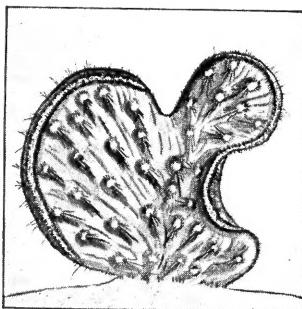
\$10

CENTURY ASSORTMENT

Collection No. A99

100 Different Cacti. No succulents. A collector's group. Includes many rare items. A gift any collector would prize above all else. Labeled.....

\$25



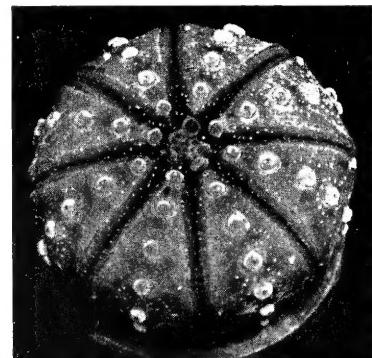
JAENOCEREUS

A new genus of cerei from northern Peru. I found it near the banks of the Amazon which here carries its turbid waters through a vast desert. A tall columnar plant, night blooming.

JAENOCEREUS NIGRIPILIS. A handsome, easily grown plant. Grew under the scant shade of trees generally as single columns sometimes in large colonies. Flowers white, tube black banded. Each 75c

TRICHOCEREUS ACKERSII

A new species of Trichocereus from the western flanks of the Andes near Nazca, Peru. Plants to 8' tall with short trunk and several side branches. Areoles white-woolly, some plants as white as Espostoa. Flowers narrowly tubular, zygomorphic, corolla salmon pink. Each 75c



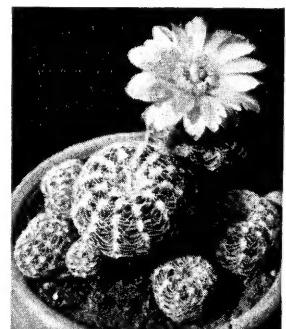
SAND DOLLAR

Astrophytum asterias is one of the oddest cacti, spineless and freely bearing large, shiny yellow blossoms. Very scarce. Pot in sand and leafmold watering lightly when dry. Sunny window. Large specimens 90c. Smaller flowering 1½" to 2" 65c

MAMILLARIA CELSIANA

An attractive species with yellow spines each nipple with a woolly axil. Flowers bright red pink. With age forms most beautiful, large clusters. Though it grows easily it is not a common plant.

35c



AT LEFT:

CRESTED OPUNTIA

Crested forms of cacti are among the most interesting and unique of all with their odd, convoluted stems. *Opuntia serpentina cristata* never loses its cockscomb growth. Nice crests 35c

GYMNOCALYCUM BRUCHII

Lovely pink blossoms. Dainty desert fairies! A "must have" for the fancier. Clusters \$1. Smaller, flowering.

50c

NEW CLEISTOCACTUS

The known Peruvian Cleistocactus were tall branched species with a trunk. Three new species I found were of the trunkless, clustering type.

CLEISTOCACTUS LUMINOSUS. A lovely, brilliant scarlet flowered species growing to 3' tall. Stems up to 1½" diameter. A beauty. Nice plants

75c

TRICHOCEREUS LUCERNATUS

A lovely new species from southern Peru where it grows in the cloud gardens. Growing among boulders it is at first upright but soon the branches are gracefully pendent. Dark green stems, huge white blossoms. Each \$1.50

HAAGEOCEREUS ARENOSA

A new species of this lovely genus. It belongs to the multangularis group but differs in being procumbent and rooting as it creeps forward. Yellow spined at first, later red spined. Charming 2"-3"

50c

HAAGEOCEREUS TOMASIRIENSIS

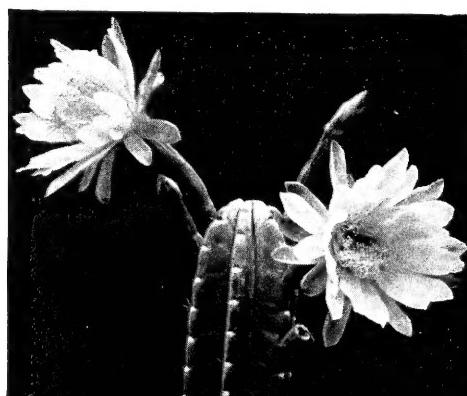
A new creeping species of the decumbens group. Spines of young plants are silvery. 2"-3" each

50c

PERUVIAN APPLE

Handsome lily-like blossoms followed by large, red, smooth skinned fruits. The snowy, crystalline pulp is very sweet and pleasant to eat. The plant forms tall columns branching with age. Very ornamental. Easy to grow. 6"-7" each 50c. Smaller 25c and

35c



AT LEFT:**BIRD'S NEST**

Feathery yellow spines that are papery, soft and harmless. *Mamillaria campotricha* soon forms clusters. Nice yellow clusters 50¢ and 75¢. Small colorful plants each.....

35¢

AT RIGHT:**MALACOCARPUS PAUCIAREOLATUS**

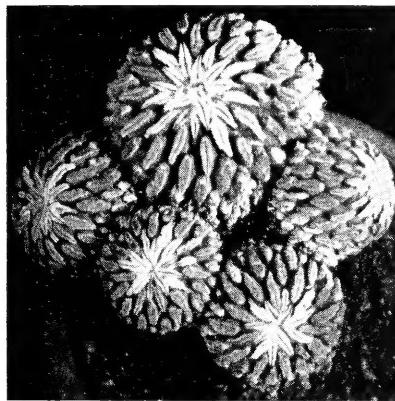
Rare cactus from Uruguay. These accordion pleated plants bear bright yellow blossoms from out a very wooly center. Nice plants each 35¢ and.....

50¢

ARMATOCEREUS

This is a distinctly Peruvian genus for they are found in all parts except the alto plano. Their range is from 3,000' to 10,000'. The Peruvian species are all tree-like.

Armatocereus nazcaensis. 4"-6" each.....\$1.25
Armatocereus chalaensis. 3"-4" each.....\$1.00
Armatocereus solitarius. 2 1/2"-3" each.....\$1.00
Armatocereus armatus. 2 1/2"-3" each..... 50¢

**PELECYPHORA ASELLIFORMIS**

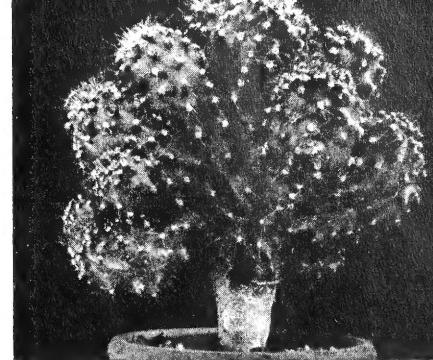
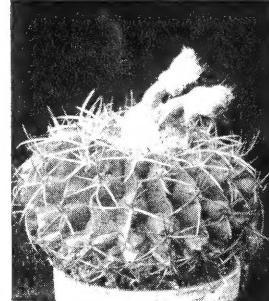
Extremely rare in cultivation. The plants are related to *Mamillaria*, 1" to 1 1/2" in diameter bearing large purple-pink blossoms. These Mexican plants are real oddities. A sunny window and very sandy soil or just leafmold and sand. Mature flowering.....

\$1.25

**DAM'S CHIN CACTUS**

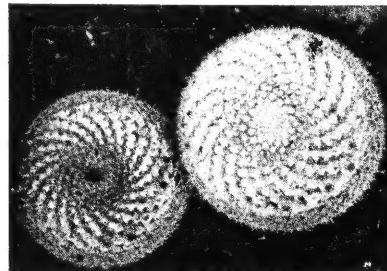
If you want the easiest flowered cactus try *Gymnocalycium darsii* which bears large pink and white flowers throughout spring and summer. Even tiny plants flower. Of easiest culture in any window. Moderate to generous waterings. Specimens 75¢. Smaller 35¢ and.....

50¢

**CURIOSITY PLANT**

These novel and attractive cacti never lose their odd contorted growth. They are always pretty with their bright chestnut spines and living green stems. *Cereus peruvianus* monstrous always remains dwarf in pots. In warm regions planted out they reach 10 feet in height. Our plants are uniformly very monstrous. Fine specimens \$1 to \$5. Smaller 35¢ and.....

50¢

**DIADEM CACTUS**

Don't fail to have this lovely flowering cactus. The bright red flowers are a beautiful crown nestling amongst the white wool and dark spines. *Mamillaria werdermanniana* flowers in mid-winter and spring and always attracts attention among our visitors. Flowering size 50¢. Nice.....

35¢

ESPOSTOA CHILETENSIS

A fine new *Espositoa* quite distinct from all the rest. Divaricately branching from below the branches rather more slender than most. The long silky white wool of small plants is pink tinged. A very lovely plant.....\$1

CORRYOCACTUS TRISTIS

A very distinct new species from southern Peru where it grew in the lonely cloud gardens the limbs with trailing lichens. 1000 meters elevation. Nice 2 1/2"-3" each

\$1

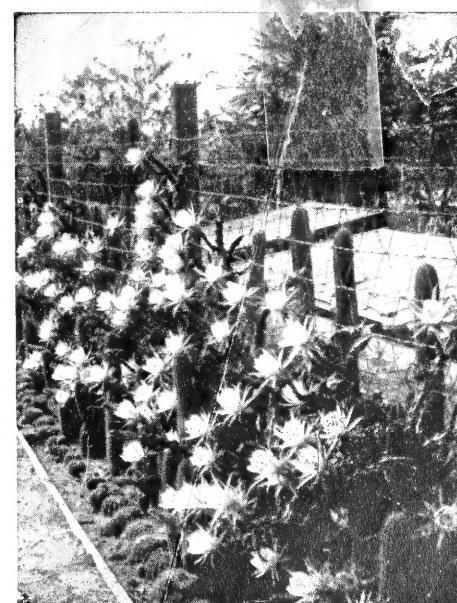
PSEUDOPOSTOA MOLINENSIS

A not very tall species growing in the lower washes and canyons in northern Peru. The plants were covered with snowy-white silky hair. Young plants are tinged with pink. Each

\$1

**A NEW JERSEY COLLECTION**

Mrs. Pursell has a very nice collection of cacti and succulents with more than 100 different kinds. Most of her plants have come from our gardens.

**ESPOSTOA MARANONENSIS**

This is a beautiful and quite strange species differing considerably from *E. lanata*. It has an altitudinal range of from 2000 meters to less than 700 meters, most remarkable for this genus. I found plants to 20' tall with a 27' spread at lower elevations, a giant compared with all others. Its type locality is the banks of the Amazon. Each

\$1.50

LOBIVIA LARABEI

A very distinct new *Lobivia* with handsome crocus-like blossoms, bright red in color. It is cespitose in habit more like an *Echinocereus*. A free bloomer. Found between Cuzco and Ollantaytambo, Peru. Each

50¢

MOON CEREUS

Eriocereus martini is a freeblooming, scandent climber whose charming blossoms are borne at night. The bright red fruits are very attractive also. Give it a rich soil and large pot as it is a vigorous grower. If given plenty of sun they flower to.....

Nice plants 50¢ and.....

35¢

**QUEEN OF THE NIGHT**

An old favorite whose blossoms are so astounding large and ethereally beautiful your friends will be entranced when they see it! *Selenicereus macdonaldiae* is of the easiest culture. Give it a very sandy soil or preferably 2 parts sand, 1 part leafmold and small feedings of cactus food during the summer growing season. A well lighted window or better put out in summer in partial shade bringing in before frost which will assure fat, well matured stems for next season's flowers. Stems may be curved around stakes or pot trained. Use a 4" pot at first, later transferring to a 7" or 8" pot. Water freely whenever dry. Each.....**40c**

SEEDS

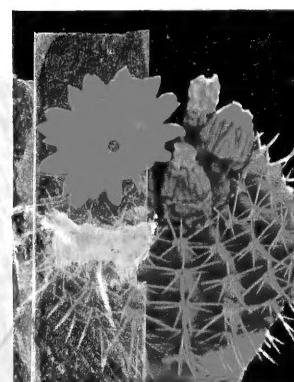
It is always interesting to grow cacti and succulents from seeds. Patience is the most needed attribute! Full instructions sent with all seeds.

HAWORTHIA. Mixed. A number of interesting species from our collection are represented including *H. setata*, *H. subfasciata*, etc. Packets

50c

NOTOCACTUS Mixed. Included the best species as *N. leninghausii*, *N. scopula*, *N. submammulosus*, etc., fresh seed. Packet.....**50c**

PARAMOUNT HYBRIDS. Seed from 100 selected hybrids between *Lobivia* and *Echinopsis*, F3 generation. There should be a good percentage of colored flowers; orange, salmon, red, shrimp-pink. Per packet.....**50c**

**NOTOCACTUS PAMPEANUS**

Quite easily grown and flowered cactus from South America. The bright blossoms appear in the spring after the winter rest. Thrives in a well lighted window like an open soil. Stands temperature of 15°. Nice 1½" inch plants, 35c. Smaller.....**35c**

**ROSE PLAID CACTUS**

A handsome small cactus brightly banded with copper-green and cream. The lovely pink blossoms of *Gymnocalycium Friederickii* are large and exceedingly freely borne all summer long. Specimens 4 years, 75c. Smaller.....**35c**

CURIOSITY COLLECTION No. B7.

The six plants below. You will enjoy planting this easily grown group in a pot or bowl for a cheerful breakfast nook. All six.....

\$1.25**PEANUT CACTUS PINCUSHION**

Easy to grow, fast forming plant headed sun or part shade. Specimens. Flowers large. Flowers when small, bright red. Each....25c Each.....25c

BIRD'S NEST

curling yellow spines. Long, slim nipples. Flowers yellow. Each.....35c

RED DRAGON FLOWER

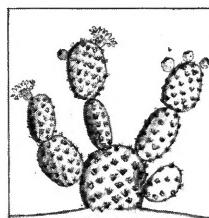
Cluster forming. Flowers red and black.....25c

CHRISTMAS CHEER

Grows anywhere. Colors best in dry, poor soil. Each....25c

FLOWERING PINCUSHION

Handsome carmine flowers in spring. Easy to grow and flower. The *Mamillarias* are very satisfactory for the beginner. Nice plants, 35c. Smaller.....25c

**ANGORA BUNNY EARS**

A pretty small eared Opuntia dotted with white clusters of glochids. Light soil with moderate waterings. Each.....

25c**OPUNTIA TERES**

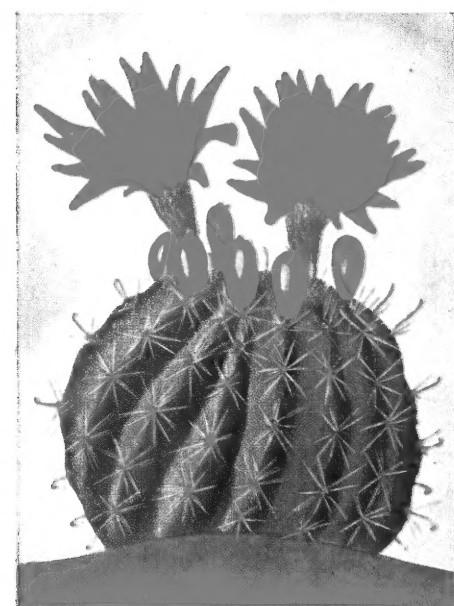
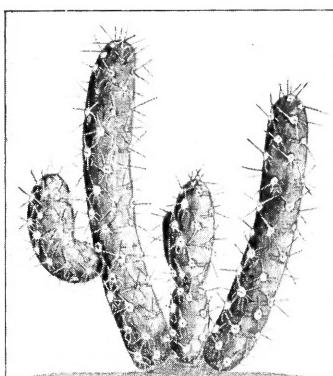
This small branched plant pictured below is from the high valleys of the Andes of Bolivia. During the spring and summer the plant is densely covered with large, cylindric leaves. Easily grown.....

30c**GRIZZLY BEAR**

A long white haired California Opuntia with flat pads.....

35c**MEXICAN LIVING ROCK**

Ariocarpus fissuratus is a very curious cactus, flat-topped with leathery, furrowed tubercles. The brilliant pink blossoms appear at the woolly apex in September. It grows well in clean sand to which a small amount of leafmold has been added. It likes a sunny, airy window watering lightly only when quite dry. Growth is extremely slow the specimens offered are probably at least 25 years old. Mature flowering.....

50c**STRAWBERRY CACTUS**

A free blooming and fairly quick growing cactus, flowering throughout spring and summer. *Hamatocactus septispinus* is a favorite of all of the easiest culture. The flowers are larger than most and the brilliant scarlet fruits are showy. It enjoys a light loam, sun or part shade, watering moderately when dry. Sure to flower. Large specimens, 3"–4" each 50c. Small flowering 1½"–2" each.....

35c